



~~HEALTH DEPT.~~

TWO HUNDRED AND EIGHTEENTH
ANNUAL REPORT
OF THE OFFICERS OF THE
TOWN OF NEEDHAM
MASSACHUSETTS
FOR THE YEAR ENDING DECEMBER 31

1929

TOGETHER WITH THE
Town Clerk's Records of Town Meetings



NEWTON
GARDEN CITY PRESS, INC.
1930

TOWN OFFICERS, 1929-30

Moderator

William G. Moseley

Town Clerk

Clarence E. Foss

Selectmen

Samuel D. Low, *Chairman*

William P. Brown, *Clerk*

Allston R. Bowers

Assessors

Charles W. Woodbury, *Chairman*, 1930

Arthur H. Godfrey, 1931

Howard A. Flewelling, 1932

Department of Public Welfare

Alfred T. Baker, *Chairman*, 1932

Catherine F. Tappan, 1931

Evan C. Thorpe, 1930

Collector of Taxes

Henry Godfrey

Town Treasurer

Charles E. Stanwood

Francis J. Stanwood, *pro tempore*

School Committee

Harry H. Bruns, *Chairman*, 1932

Joseph Satterlee, 1930

Roy E. Cole, 1931

Margaret O. Chase, 1930

G. Waldo Crawley, 1931

†Richard G. Preston, 1932

Water Commissioners

William W. Gallagher, *Chairman*, 1931

Henry Thomas, 1930

Philip A. Rand, 1932

Trustees of Memorial Park

T. J. Crossman, *Chairman*, 1930

Amos H. Shepherdson, 1931

Paul B. Richwagen, 1932

James H. Whetton, 1931

Oscar H. Starkweather, 1932

Trustees of Public Library

George K. Clarke, *Chairman*, 1932

*Robert B. Walker, 1930

Edith C. May, 1931

Belle F. Gourd, 1930

Benjamin W. Chase, 1931

Park Commissioners

Frederick K. Kingsbury, *Chairman*, 1931

I. Tucker Burr, 1930

Preston Mitchell, 1932

Board of Health

David E. Mann, *Chairman*, 1932

Robert N. McClellan, 1931

David Murdoch, Jr., 1930

*Deceased.

†Moved from Town.

Sewer CommissionersGeorge A. Lord, *Chairman*, 1930

Frank L. Flood, 1931

Edward Seaver, 1932

Town Planning BoardHarold B. Church, *Chairman*, 1933

Ernest B. Allen, 1930

Arthur G. Curren, 1932

Laurence E. Caldwell, 1931

Arthur W. Rohn, 1934

Commissioners of Trust Funds

Arnold Mackintosh, 1930

Amos H. Shepherdson, 1931

Preston Mitchell, 1932

Constable

George Twigg

Tree Warden

George Twigg

Highway Surveyors and Town Agents

Samuel D. Low

William P. Brown

Allston R. Bowers

Surveyors of Lumber

H. Howard Upham

Howard A. Flewelling

Measurers of Wood and Bark

Joseph Willett

James H. Whetton

Public Weighers

Joseph Willett

Henry K. Morse

James H. Whetton

Nicholas O'Brien

Arthur H. Whetton

Frederick A. Whetton

James W. Beahan

Nellie Burkett

William G. Price

Elizabeth Ryan

APPOINTED**Finance Committee**Edward L. Morss, *Chairman*, 1930

Eben W. Smith, 1930

*Carlton A. Perry, 1931

Fred L. Greely, 1930

Alger E. Eaton, 1932

Samuel H. Wragg, 1931

Alfred P. Hartshorn, 1932

Fred L. Donahue, 1931

Brad Stephens, 1932

George P. Holbrook, 1931

Trustees of Glover Memorial HospitalFrank B. Arnold, *Chairman*, 1930

Margaret O. Chase, 1931

Frances E. Rowlands, 1932

David E. Mann, 1931

William Mitchell, 1932

Registrars of VotersCharles M. Donahue, *Chairman*, 1930

Colin Rae, 1931

William C. Payne, 1932

Clarence E. Foss, *ex-officio*

*Deceased.

TOWN OFFICERS

v

Town Counsel

Harry L. Thompson

Superintendent of Streets

John Overton

Superintendent of Schools

John C. Davis

Superintendent of Water Department

George A. Adams

Superintendent of Sewer Department

Lester C. Hollis

Superintendent of Moth Department

George Twigg

Town Accountant

Clarence E. Foss

Agent and Clerk for Department of Public Welfare

Francis J. Stanwood

Agent for Board of Health

G. Donald Buckner

Agent for Care of Soldiers' and Sailors' Graves

Frederick S. Kingsbury

Agent for State and Military Aid

Francis J. Stanwood

Agent for Enforcement of Workmen's Compensation

Clarence E. Foss

Inspector of Buildings

H. Howard Upham

Inspector of Cesspools

H. Howard Upham

Inspector of Animals

Samuel O. Fowle, M. D. V.

Inspector of Wires

Joseph Alexander

Inspectors of Plumbing

J. F. Buckley

Henry Thomas

Superintendent of Fire Alarm

T. Robert Quinlan

Chief of Fire Department

T. Robert Quinlan

TOWN OF NEEDHAM

Forest Warden
T. Robert Quinlan

Deputy Forest Wardens

Charles G. Robinson
Edward Daly
William B. Colter

George Webster
Dana L. Southworth
William S. Cassidy, Jr.

Constable
Samuel H. Wragg

Burial Agent
T. J. Crossman

Janitor of Town Hall
William G. Price

Sealer of Weights and Measures
William H. Stanton

Dog Officer
William H. Stanton

Local Game Warden
John D. Smith

Police Department
*Norman MacKenzie, *Chief*
Arthur P. Bliss, *Acting Chief*

William H. Knowles, *Sergeant*
Charles G. Robinson
Frank O. Haddock
John F. Gaughan
†Frank L. Taylor

Forbes A. MacLeod
Edward L. Wainwright
John E. Brearley
Howard Mills
Joseph W. Hauptman

Special Police Officers

William W. Hewett
William H. Stanton
Charles E. Stanwood
T. Robert Quinlan
John Overton
J. Fred Gehling
Samuel H. Wragg
Edward Daly
William H. Winchell
James H. Whetton
Armand J. Mathey
Joseph W. Clark
Edward A. Coppinger
Ralph H. Chambers
Cyril N. Angell
Edward C. Haley

Walter K. Queen
John W. Riley
Arthur H. Whetton
William S. Cassidy, Jr.
George Twigg
G. Gilbert Toone
James F. Daly
Rodney S. Adams
George M. Pond
Richard Jeeves
Stanley Newcomb
Thomas Roberts
Whitman Kempton
Albert Hunter
Thomas Sullivan
John V. Sullivan

Thomas McNamara

*Deceased.

†Resigned.

Fire Department

T. Robert Quinlan, *Chief*
George W. Holt, *Deputy Chief*

Walter M. Mullen, *Lieutenant*
William B. Colter
Richard M. Salamone
Samuel Smith

Leo C. Brady
John A. Keith
Everett Brown
Carl R. Parker

Sidney Brearley

Special Committee Under Warrant March 25, 1929

Article 62

William B. Perlin
Willis L. Brownville

P. Bernhardt Richwagen
Samson Hammersley

Robert H. Burrage

Article 63

George Twigg

Under Warrant June 18, 1929

Article 3

Ernest B. Allen
Margaret O. Chase
Harold B. Church
Arthur W. Rohn
Frank W. Gorse

J. Walter Schirmer
David Murdoch
†Aubrey Lyman
Roy E. Cole
Irving H. Cowdrey

†Resigned.

TOWN OF NEEDHAM

Town Clerk's Record

OF THE

Annual Election of Town Officers

March 11

AND

Annual Town Meeting

March 18, 1929

AND

March 25, 1929



NEWTON

GARDEN CITY PRESS, INC.

1929



NEEDHAM TOWN RECORDS

FOR THE MUNICIPAL YEAR ENDING DECEMBER 31, 1929

WARRANT FOR THE ANNUAL TOWN MEETING

Monday, March 11, 1929

Commonwealth of Massachusetts

Norfolk, ss.

*To George Twigg, a Constable in the Town of Needham, in said County,
Greeting:*

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the Inhabitants of the Town of Needham qualified to vote in elections and in Town affairs to meet at the Town Hall in said Town on Monday, the evelenth day of March, 1929, at forty-five minutes past five o'clock in the forenoon, then and there to act upon the following articles, viz.:

Article 1. To choose by ballot the following Town officers: One Moderator for one year; one Town Clerk for one year; three Selectmen for one year; one Assessor for three years; one member of the department of Public Welfare for three years; one Collector of Taxes for one year; one Treasurer for one year; two Constables for one year; two members of the School Committee for three years; one Water Commissioner for three years; two Trustees of Memorial Park for three years; two Trustees of the Public Library for three years; one Tree Warden for one year; one Park Commissioner for three years; one member of the Planning Board for five years; one Commissioner of Trust Funds for three years; one Sewer Commissioner for three years; one member of the Board of Health for three years; one member of the Board of Health for one year (to fill vacancy),

and on Monday, the eighteenth day of March, 1929, at seven thirty o'clock in the afternoon, then and there to act upon the following articles, viz.:

Article 2. To choose and appoint all other Town officers in such manner as the Town may determine.

Article 3. To hear and act on the reports of Town officers and committees.

Article 4. To see what action the Town will take relative to unexpended balances and deficiencies of 1928.

Article 5. To see what disposition the Town will make of the money received from dog licenses.

Article 6. To see what sums of money the Town will appropriate for the necessary Town charges and expenses.

Article 7. To see if the Town will authorize the treasurer, with the approval of the Selectmen to borrow money in anticipation of revenue of the current financial year.

Article 8. To see what action the Town will take relative to the salaries of its Town officers.

Article 9. To see in what manner the Town will have its taxes collected and fix the compensation therefor for the current year.

Article 10. To see if the Town will vote to authorize the Assessors to use the free cash in the treasury to meet appropriations made under articles of the warrant for this meeting.

Article 11. To see if the Town will appropriate the sum of seven hundred fifty-four dollars (\$754.00) incurred for hospital expenses at the Massachusetts Homeopathic Hospital in 1924, 1925 and 1926, and at the Massachusetts Eye and Ear Infirmary in 1926.

Article 12. To see if the Town will vote to rescind its vote passed under Article 44 of the warrant for the annual town meeting, held March 19, 1928, whereby the Town voted to authorize its Treasurer with the approval of a majority of the Selectmen to borrow fifteen thousand dollars (\$15,000) for the purpose of extensions of its common sewers.

Article 13. To see if the Town will vote to transfer from the Sewer Assessment Reserve Fund to the General Fund the sum of fifteen thousand dollars (\$15,000) together with interest thereon amounting to three hundred seventy-five dollars (\$375) to reimburse the General Fund for fifteen thousand dollars (\$15,000) advanced therefrom for extensions of common sewers in 1928. Said fifteen thousand dollars (\$15,000) having been appropriated for extensions of common sewers under Article 43 of the warrant for the annual town meeting, held March 19, 1928.

Article 14. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the purpose of extensions of the common sewers; said six thousand dollars (\$6,000) to be taken from the Sewer Assessment Reserve Fund, or pass any vote or votes relative thereto.

Article 15. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the purpose of extensions of the common sewers and to meet said appropriation to take the sum of five thousand dollars (\$5,000) from the free cash in the treasury and authorize the Treasurer, with the approval of the Selectmen, to borrow twenty-five thousand dollars (\$25,000), in accordance with Chapter 324 (1) of the Acts of 1928, and issue the notes or bonds of the Town therefor payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Article 16. To see if the Town will appropriate the sum of one thousand one hundred dollars and thirty-three cents (\$1,100.33) to reimburse the Sewer Construction Account for uncollectible sewer assessments made in 1928 against Town property, or pass any vote or votes relative thereto.

Article 17. To see what sum of money the Town will appropriate for particular sewers and house connections.

Article 18. To see if the Town will appropriate the sum of twenty thousand dollars (\$20,000) for the use of the Water Department to provide for the extension of water mains and for water departmental equipment; and to meet said appropriation to authorize the Treasurer, with the approval of the Selectmen, to borrow twenty thousand dollars (\$20,000) in accordance with Chapter 291 (7) of the Acts of 1928, and to issue the notes or bonds of the Town therefor payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years, or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Article 19. To see if the Town will appropriate the sum of eighteen thousand dollars (\$18,000) for the maintenance of the Glover Memorial Hospital, or pass any vote or votes relative thereto.

Article 20. To see if the Town will appropriate the sum of three thousand dollars (\$3,000) for repairs to the Glover Memorial Hospital buildings on Chestnut Street, or pass any vote or votes relative thereto.

Article 21. To see if the Town will appropriate the sum of thirty-five hundred dollars (\$3,500) of which sum seventeen hundred forty dollars and sixty-three cents (\$1,740.63) is to be used to pay for traffic signals purchased and installed in 1928, and the balance to be used for the purchase and installation of traffic signals in 1929, or pass any vote or votes relative thereto.

Article 22. To see if the Town will appropriate the sum of one hundred dollars (\$100) for the salary for a local game warden as advised by the State Department of Conservation, or pass any vote or votes relative thereto.

Article 23. To see if the Town will appropriate the sum of fifteen thousand dollars (\$15,000) for the construction of Greendale Avenue, provided the County and the department of public works, division of highways, each allot the sum of seventy-five hundred dollars (\$7,500) for said construction, or take any action relative thereto.

Article 24. To see if the Town will accept Harris Avenue from Mayo Avenue to Great Plain Avenue under the provisions of law authorizing the assessment of betterments and according to a plan on file with the Town Clerk.

Article 25. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the construction of Harris Avenue under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 26. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the construction of a drain on Harris Avenue, or pass any vote or votes relative thereto.

Article 27. To see if the Town will accept Lawton Road from South Street, to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Paul H. Weitze and others.

Article 28. To see if the Town will appropriate the sum of ten thousand dollars (\$10,000) for the construction of Lawton Road from South Street to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 29. To see if the Town will accept Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Primo Ricciardelli and others.

Article 30. To see if the Town will appropriate the sum of twenty-five hundred dollars (\$2,500) for the construction of Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 31. To see if the Town will accept Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Samuel Kingsbury and others.

Article 32. To see if the Town will appropriate the sum of four thousand dollars for the construction of Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 33. To see if the Town will accept Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Philip A. Seabury and others.

Article 34. To see if the Town will appropriate the sum of sixty-two hundred dollars for the construction of Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 35. To see if the Town will accept Powers Street from Webster Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Winthrop M. Southworth and others.

Article 36. To see if the Town will appropriate the sum of eleven thousand dollars (\$11,000) for the construction of Powers Street from Webster Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 37. To see if the Town will accept Powers Street from Manning Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 38. To see if the Town will appropriate the sum of eighty-five hundred dollars (\$8,500) for the construction of Powers Street from Manning Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 39. To see if the Town will accept Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 40. To see if the Town will appropriate the sum of four thousand dollars (\$4,000) for the construction of Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 41. To see if the Town will authorize and direct its Selectmen to take about 11,400 square feet of land, more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for purpose of a street or way extending Kingsbury Street westerly through land of Isabelle M. Hall to Oakland Avenue, so-called, as shown on a plan marked "Plan showing proposed extension of Kingsbury and Pickering Streets" on file with the Town Clerk; and to appropriate money therefor, or pass any vote or votes relative thereto.

Article 42. To see if the Town will authorize and direct its Selectmen to take about 11,074 square feet of land more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for the purpose of a street or way extending Pickering Street northerly to Memorial Park and appropriate money therefor or pass any vote or votes relative thereto.

Article 43. To see if the Town will accept Eaton Square as a private way as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Alger E. Eaton and another.

Article 44. To see if the Town will vote to build a municipal storage building and town yard on land owned by the town on Howland Street and appropriate the sum of fifteen thousand dollars (\$15,000) therefor, or pass any vote or votes relative thereto.

Article 45. To see if the Town will appropriate the sum of twelve thousand dollars (\$12,000) for a police signal system or take any action relating thereto.

Article 46. To see if the Town will authorize its Selectmen to install three street lights on Garden Street extension on petition of Robert H. Burrage and others.

Article 47. To see if the Town will authorize its Selectmen to install ten street lights on Gayland Road and Laurel Drive on petition of Carleton G. McIntosh and others.

Article 48. To see if the Town will authorize its Selectmen to install three street lights on Hillcrest Road on petition of Ernest R. Keith and others.

Article 49. To see if the Town will authorize its Selectmen to install a street light at the intersection of Morley Street and Page Road on petition of Harry A. Gates and others.

Article 50. To see if the Town will authorize its Selectmen to install four street lights on Wauchusett Road on petition of Clifford C. Church and others.

Article 51. To see if the Town will authorize its Selectmen to install two street lights on Gibson Street on petition of Rocco Ferrara and others.

Article 52. To see if the Town will authorize its Selectmen to install four street lights on Sachem Road on petition of Primo Ricciardelli and others.

Article 53. To see if the Town will authorize its Selectmen to install two street lights on Hawthorne Avenue on petition of Jerry Bond and others.

Article 54. To see if the Town will authorize its Selectmen to install two street lights on Beaufort Avenue on petition of Jerry Bond and others.

Article 55. To see if the Town will authorize its Selectmen to install one street light on Pennsylvania Avenue on petition of James M. McCracken and others.

Article 56. To see if the Town will authorize its Selectmen to install one street light on the corner of Lewis Street and Newell Avenue on petition of Charles B. Roberts and others.

Article 57. To see if the Town will vote to amend Article II of the by-laws by adding thereto the following section.

Section 4A. The Selectmen annually in April shall appoint a Town engineer at a fixed salary, who shall have authority to appoint such assistants as the Town engineering work requires, subject to the approval of the Selectmen. The Town Engineer shall have charge of all Town engineering. The Town Engineer shall, except as provided in Article II Section 8, have charge of and shall preserve, arrange and index, so as to be readily accessible to the public, all plans, surveys, field notes, records, documents and inventories connected with the engineering department of the Town. He shall keep accurate records showing in detail the operation and cost of his department, and a fair and equal distribution of such cost among the several Town departments in proportion to the amount of work done for each. The Town Engineer shall each year submit to the Selectmen in time for publication in the annual Town report a statement showing in detail the work of the engineering

department for the year and the names and compensation of all persons employed. The Selectmen shall have power to remove the Town Engineer at any time and appoint his successor.

Article 58. To see if the Town will amend its by-laws by striking out Article III and substituting in the place thereof the following:

ARTICLE III SPECIFICATIONS FOR CONSTRUCTION OF NEW STREETS THROUGH PRIVATE PROPERTY

- Section 1.* No street or way through private property shall be accepted by the town unless the same be previously constructed and completed in accordance with the following specifications.
- Section 2.* A plan and profile of every such street or way shall be approved by the Board of Survey and filed in the office of the Town Clerk.
- Section 3.* Every street or way shall be constructed not less than forty feet in width and at least one-fifth of the street width shall be reserved for sidewalk and berm on each side.
- Section 4.* All corners of intersecting streets or ways shall be rounded as approved by the Board of Selectmen.
- Section 5.* The entire area of every such street or way shall be first cleared of all stumps, brush, roots, and like material and of all trees not intended for preservation.
- Section 6.* All loam shall be removed from the limits of the street, inclusive of the sidewalks, to such a depth as may be approved by the Selectmen, and may be deposited in piles or spread on either side of the street, but in no case within the limits of the street except where same can be used for grass plots or reservations.

SUB-GRADE

- Section 7.* (a) The plane of the bottom of the excavation and the top of the fill when completed, known as the sub-grade, shall be true to the lines, grades, and cross-sections as approved by the Board of Selectmen.
- (b) All rock or boulder found in the excavation shall be removed or broken off to a depth of not less than six inches below the surface of the sub-grade.
- (c) All clay and spongy material in the road bed shall be removed to a depth of at least two feet below the sub-grade and the space thus made shall be filled with stone or other suitable material approved by the Selectmen.
- (d) The sub-grade shall be brought accurately to a grade of not less than ten inches below the approved finished grade and shall correspond to a curved line sloping from the center of the sides at the rate of three-eighths of an inch to one foot after being rolled by a steam or other self-propelled roller, weighing not less than ten tons, until the surface of the sub-grade is smooth and hard.

SUB-BASE

- Section 8.* (a) Upon the surface of the sub-grade, prepared as previously specified shall be spread a layer of gravel, known as the sub-base, to a depth of at least six inches after rolling.
- (b) Gravel surface shall consist of approved gravel practically free from loam and clay and shall not contain stones measuring over three inches in their longest dimensions. Care shall be taken when spreading the gravel to distribute the largest stones so that they will be at the bottom of the course. The gravel so placed shall be thoroughly rolled by a roller, weighing not less than ten tons, until a firm, even surface is obtained.

- (c) All sidewalks, driveways, and grading of lawns shall be brought to a finished grade at the street line of four inches above that of the proposed center line grade opposite that point as shown on approval plan.
- (d) Both the roadway and sidewalk shall be rolled to the satisfaction of the Selectmen and the side sloped, either in excavation or embankment, shall be covered with good loam to a depth of six inches, carefully rolled and so applied as to insure against slipping.

BITUMINOUS MACADAM SURFACE

- Section 9.* (a) Upon the gravel sub-base, prepared as previously specified, shall be spread evenly a layer of dry, clean, No. 1 crushed stone, suitable to the Selectmen, in such quantity that after being rolled there will be a uniform depth of not less than four inches. Any depressions or irregularities which may occur shall be filled with crushed stone and again rolled until the surface is true and unyielding.
- (b) The penetration coat of a bituminous material approved by the Selectmen shall then be uniformly applied by a suitable pressure distributor at such rate per square yard of road surface as specified by the Selectmen.
 - (c) The bituminous material shall then be covered with dry, clean, No. 2 stone, sufficient to fill the surface voids. Care shall be taken that the rolling starts while the surface is still warm: No. 2 stone shall be added in small amounts as the rolling continues.
 - (d) Brooms shall be used in distributing the No. 2 stone and only a quantity sufficient for filling the voids shall be spread; any excess shall be avoided. The rolling shall continue until a firm and smooth surface results. The surface shall then be thoroughly swept to remove all loose material and dust.
 - (e) The seal coat of a bituminous material approved by the Selectmen shall then be evenly applied in the same manner as the penetration coat, and at such rate per square yard as may be specified by the Selectmen. The surface shall be immediately covered with dry, clean, pea stone in a sufficient amount to protect the road while setting up and then thoroughly rolled to the satisfaction of the Selectmen.

Section 10. No bituminous work shall be done during rainy weather, nor when weather conditions, as to temperature or otherwise, are in the opinion of the Selectmen, unsatisfactory to obtaining good results.

Article 59. To see if the Town will vote to accept and adopt revised building by-laws for the Town in accordance with the report, on file with the Town Clerk of the Committee appointed under a vote of the Town passed at its Annual Meeting, held March 19, 1928, or pass any vote or votes relative thereto.

Article 60. To see if the Town will vote to accept the provisions of Sections 42, 43, and 44 of Chapter 48 of the General Laws relative to Fire Departments on petition of Frank W. Gorse and others.

Article 61. To see if the Town will appropriate five hundred dollars (\$500) for the purpose of paying one-half the cost of clearing away and constructing a fence along the southerly line of Memorial Park abutting land of Rohn, land of Bruns, and land of Stevenson. Said fence to be chain link type seventy-two inches high with three strands of barbed wire at top, supported by iron posts set in cement foundations, or pass any vote or votes relative thereto, on petition of Arthur W. Rohn and others.

Article 62. To see if the Town will appropriate the sum of one thousand dollars (\$1,000) for the celebration of the Fourth of July, 1929, or pass any vote or votes relative thereto on petition of Needham Post 14, American Legion, and others.

Article 63. To see if the Town will authorize the Selectmen to appoint a committee of three registered voters to have charge of the Town Nursery, this committee to consist of the Tree Warden and two other members, one to serve for one year and one to serve for two years from April 1, 1929, and thereafter, commencing April 1, 1930, and so long as the Town Nursery shall be maintained, the Selectmen annually to appoint one member to serve for two years from April 1st of the year of appointment. Vacancies in said committee to be filled by the Selectmen's appointment.

Article 64. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area at the intersection of Central Avenue and Rosegate Road bounded on the north by land of the City of Boston 150 feet and land of Webb 220 feet, on the east by a brook 240 feet, on the south by Central Avenue 326.6 and on the west by Rosegate Road, so-called, 100 feet. Be all of said measurements more or less on petition of Ruth A. Webb and others.

Article 65. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called, on petition of C. H. Walton and others.

Article 66. To see if the Town will vote to amend its zoning map by changing from a single resident district to a business district, the area on the west side of Highland Avenue bounded southerly by land of Samuel S. and Bertha A. Smith and land of William H. Wye, westerly by the location of the New York, New Haven and Hartford Railroad Company, northerly by land of the William Carter Company, and easterly by Highland Avenue on petition of Benjamin D. May.

Article 67. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area at the intersection of Webster Street and Central Avenue bounded on the north by Central Avenue 129 feet, on the east by Webster Street 75 feet, on the south by land of the Town of Needham and on the west by land now or formerly of John M. Hodge, be all of said measurements more or less on petition of William Regan and others.

Article 68. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area bounded easterly by Highland Avenue southerly by May Street so-called, westerly by the location of the New York, New Haven & Hartford Railroad Company, and northerly by land of the Willett and Chadwick Coal Company on petition of Florence C. Ross and others.

Article 69. To see if the Town will authorize and direct Memorial Park Trustees to take such action as may be necessary to make it lawful to charge admission to games, sports, or athletic contests held on Memorial Park or any portion thereof or pass any vote or votes relative thereto, on petition of Stanley M. Hollis.

Article 70. To see if the Town will vote to have the reports of its officers, the proceedings of this and subsequent Town Meetings printed and distributed, or pass any vote or votes relative thereto.

And you are directed to serve this warrant by posting attested copies thereof in not less than twenty public places

in said Town at least seven days before said meeting and to leave a copy at each of the several dwelling houses within said Town.

Hereof fail not and make due return of this warrant with your doings thereon, unto our Town Clerk, on or before said day and hour.

Given under our hands at Needham aforesaid this 26th day of February, A.D. 1929.

WILLIAM P. BROWN,
SAMUEL D. LOW,
WINTHROP M. SOUTHWORTH,
Selectmen of Needham.

Needham, March 4, 1929.

Norfolk, ss.

By virtue of this warrant, I have this day, notified and warned the inhabitants of the Town of Needham, to meet as within directed, by posting true and attested copies of this warrant, in not less than twenty public places in said Town, more than seven days before the time of holding said meeting, and by leaving a copy at each of the several dwelling houses as within directed.

GEORGE TWIGG,
Constable of Needham.

A true copy of warrant and officer's return.

Attest:

CLARENCE E. FOSS,
Town Clerk.

RECORD OF THE ANNUAL TOWN MEETING

March 11, 1929

Pursuant to the foregoing warrant a meeting of the inhabitants of the Town of Needham, qualified to vote in elections and in town affairs was held in the Town Hall in said Town on Monday, March 11, 1929, at forty-five minutes past five o'clock in the forenoon.

The meeting was called to order by the Moderator, William G. Moseley.

The warrant for the Annual Town Meeting was read, the articles in the warrant being omitted.

The return of the officer who notified and warned the inhabitants was read by the Town Clerk.

Voted, To proceed to ballot for the following town officers, viz:

One Moderator for one year; one Town Clerk for one year; three Selectmen for one year; one Assessor for three years; one member of the Department of Public Welfare for three years; one Collector of Taxes for one year; one Treasurer for one year; two Constables for one year; two members of the School Committee for three years; one Water Commissioner for three years; two Trustees of Memorial Park for three years; two Trustees of the Public Library for three years; one Tree Warden for one year; one Park Commissioner for three years; one member of the Planning Board for five years; one Commissioner of Trust Funds for three years; one Sewer Commissioner for three years; one member of the Board of Health for three years; one member of the Board of Health for one year (to fill vacancy).

Pursuant to Chapter 54 Section 21, of the General Laws the Selectmen having appointed:

Albert W. Eldridge	Maud June Berger
Jeremiah F. Buckley	Mary A. Casey
Mabel E. Nason	William C. Payne
Julia T. Mullan	Meddie Blais
Myra R. Kingsbury	Charles M. Donahue
Margaret O. Chase	Arthur H. Godfrey

as tellers they were sworn to the faithful discharge of their duties by the Moderator.

The ballots prepared for use at this election by the Town Clerk were then delivered to the ballot clerks and their receipt taken therefor.

Cards of instruction and specimen ballots were posted as required by Chapter 54, Section 48, of the General Laws.

The ballot boxes were publicly opened by the Moderator

and shown to be empty. The boxes were then locked and the keys delivered to George Twigg, the officer in attendance.

The polls were opened at forty-five minutes past five in the forenoon and kept open until eight o'clock in the afternoon.

Additional tellers were appointed as required by Chapter 54, Section 48 of the General Laws, as follows:

Ethel W. Curren	Della A. Beale
Linda P. Brownville	Elise A. Chandler
Josephine Bois	Mae Schleicher
Ozias H. McMurdie	Helen S. Courtenay
William E. Mullan	Sarah A. L. Kennedy
James F. Ryan	Ruth Fanning
Louise M. Ryan	Frederick H. Hodgman, Jr.
Samuel Kingsbury	Sidney S. Harrington
Elizabeth A. Fitzgerald	Edward P. Bigelow
Edgar H. Chandler	Gertrude M. Eichler
Irving R. Wallis	Angela Overton
Alice K. Gaughan	Irene Galvin
Verna J. Lawlor	Mary E. Robinson
Harry Ryan	Walter M. Chase
John J. O'Neil	Amelia Wagner
Gertrude Godfrey	George E. Bois
Joseph P. Sullivan	William G. Courtenay
William S. Whelan	S. Mabel Mackenzie
E. Bertha Behnke	

and they were severally sworn.

The ballots were audibly counted by the Moderator when taken from the box and at 8 o'clock when the poll was declared closed by the Moderator two thousand six hundred and twenty-seven (2,627) ballots had been cast.

The total number of votes cast by men was fourteen hundred and thirteen (1,413) and by women twelve hundred and fourteen (1,214).

A canvass of all votes given was made as required by law. Upon the completion of the canvass of all votes cast the results of the voting was declared by the Moderator to be as follows, viz:

<i>For Moderator</i>	
William G. Moseley	1,990
Harry L. Thompson	7
Blanks	630
and William G. Moseley was declared elected Moderator for one year	

<i>For Town Clerk</i>	
Clarence E. Foss	2,066
Blanks	561
and Clarence E. Foss was declared elected Town Clerk for one year	

For Selectmen

Allston R. Bowers	1,306
William P. Brown	1,752
Samuel D. Low	1,914
Winthrop M. Southworth	1,288
Henry D. Blackman	1
Blanks	1,620
and Samuel D. Low, William P. Brown and Allston R. Bowers were declared elected Selectmen for one year.	

For Assessor (for three years)

Howard A. Flewelling	1,155
George W. Holt	1,153
James E. Tisdale	182
Blanks	137
and Howard A. Flewelling was declared elected Assessor for three years.	

For Town Treasurer

Charles E. Stanwood	2,094
Blanks	533
and Charles E. Stanwood was declared elected Town Treasurer for one year.	

For Collector of Taxes

Henry Godfrey	2,110
Blanks	517
and Henry Godfrey was declared elected Collector of Taxes for one year.	

For Department of Public Welfare (for three years)

Alfred T. Baker	1,900
Blanks	727
and Alfred T. Baker was declared elected a member of the Department of Public Welfare for three years.	

For School Committee (for three years)

Harry H. Bruns	1,303
Richard G. Preston	1,866
J. Walter Schirmer	1,076
Blanks	1,009
and Richard G. Preston and Harry H. Bruns were declared elected members of the School Committee for three years.	

For Water Commissioner (for three years)

Philip A. Rand	1,913
Blanks	714
and Philip A. Rand was declared elected Water Commissioner for three years.	

For Sewer Commissioner (for three years)

Edward Seaver	1,858
Blanks	769
and Edward Seaver was declared elected Sewer Commissioner for three years.	

For Board of Health (for three years)

David E. Mann	1,981
Blanks	646
and David E. Mann was declared elected a member of the Board of Health for three years.	

For Board of Health (for one year)

David Murdoch, Jr.	1,936
Blanks	691
and David Murdoch, Jr., was declared elected a member of the Board of Health for one year.	

For Trustees of the Public Library (for three years)

Benjamin W. Chase	1,837
George K. Clarke	1,826
Blanks	1,591
and Benjamin W. Chase and George K. Clarke were declared elected Trustees of the Public Library for three years.	

For Trustees of Memorial Park (for three years)

Paul B. Richwagen	2,003
Oscar H. Starkweather	1,871
Blanks	1,383
and Paul B. Richwagen and Oscar H. Starkweather were declared elected Trustees of Memorial Park for three years.	

For Park Commissioner (for three years)

Preston Mitchell.	1,970
Blanks	657
and Preston Mitchell was declared elected Park Commissioner for three years.	

For Town Planning Board (for five years)

Arthur W. Rohn.	1,794
Blanks	833
and Arthur W. Rohn was declared elected a member of the Town Planning Board for five years.	

For Commissioner of Trust Funds (for three years)

Preston Mitchell.	1,934
Blanks	693
and Preston Mitchell was declared elected Commissioner of Trust Funds for three years.	

For Tree Warden

George Twigg	1,977
Blanks	650
and George Twigg was declared elected Tree Warden for one year.	

For Constable

George Twigg	1,974
Blanks	653
and George Twigg was declared elected Constable for one year.	

After the declaration of the ballot the Moderator was sworn to the faithful performance of his duties by the Town Clerk and the Town Clerk was sworn by the Moderator.

After the results of the vote had been declared, the ballots cast, the undistributed ballots and also the check lists were sealed up, endorsed by the election officers, and placed in the custody of the Town Clerk.

Adjourned at 11.30 P.M. Monday, March 11, 1929.

CLARENCE E. FOSS,
Town Clerk.

ANNUAL TOWN MEETING FOR THE TRANSACTION OF BUSINESS

March 18, 1929

Pursuant to the foregoing warrant the inhabitants of the Town of Needham, qualified to vote in Town affairs, met in the Town Hall in said Town on Monday, March 18, 1929, at 7.45 o'clock in the afternoon.

William G. Moseley, Moderator, in the chair.

Charles M. Donahue, George W. Holt, Margaret O. Chase, Myra R. Kingsbury and Mabel E. Nason were appointed checkers by the Board of Selectmen and sworn to the faithful performance of their duties. Check lists were used and 216 women and 517 men were checked on the lists as being present, a total of 733 voters.

The warrant and return of the officer who served the same were read.

The following resolution was offered by Charles E. Stanwood.

William G. Moseley served the Town of Needham as Moderator several times previously to 1904. In 1904 and each year since that time he has been elected and has served the Town as Moderator.

This is the twenty-fifth anniversary of his consecutive service as Moderator.

Resolved: that we, the citizens of the Town of Needham in annual town meeting assembled express our appreciation of the honesty of purpose, fairness and ability of William G. Moseley as Moderator, and we direct that a copy of this resolution be spread upon the records of this Town and a copy thereof conveyed by the Town Clerk to Mr. Moseley.

A motion to accept the foregoing resolution was declared unanimous.

Proceeded to take up the articles under the warrant.

Article 2. To choose and appoint all other Town officers in such manner as the Town may determine.

Under this article the following town officers were elected:

Highway Surveyors and Town Agents: William P. Brown, Samuel D. Low, Allston R. Bowers.

Surveyors of Lumber: H. Howard Upham, Howard A. Flewelling.

Measurers of Wood and Bark: Joseph Willett, James H. Whetton.

Public Weighers: Joseph Willett, James H. Whetton, Arthur H. Whetton, James W. Beahan, Alexander McKay, Nellie Burkett, William G. Price, Henry K. Morse, Nicholas A. O'Brien, Frederick A. Whetton, James A. McWade, Myron E. Howe, James J. Gilleran, Elizabeth Ryan.

The Moderator appointed as members of the Finance Committee to serve for three years: Alger E. Eaton, Alfred P. Hartshorn, and Brad Stephens.

Article 3. To hear and act on the reports of Town officers and committees.

Under this article the report of the Board of Selectmen on the division of the Town into voting precincts was submitted by the Town Clerk.

Article 4. To see what action the Town will take relative to unexpended balances and deficiencies of 1928.

Voted, That all unexpended balances of 1928 appropriations be returned to the Treasury.

Voted, That the sum of \$1,278.92 be appropriated for deficiencies of 1928.

Voted, That the sum of \$4,000 be appropriated to pay unpaid bills contracted in 1928, but not received by the Town until after January 1, 1929.

Article 5. To see what disposition the Town will make of the money received from dog licenses.

Voted, That the money received from Dog Licenses, namely, \$1,498.75 be appropriated for the use of the Public Library.

Article 6. To see what sums of money the Town will appropriate for the necessary Town charges and expenses.

Under this article the following appropriations were made, each item being voted on separately, viz:

Voted, That the sum of \$2,300 be appropriated for the Selectmen's Department.

Voted, That the sum of \$1,100 be appropriated for the Town Clerk's Department.

Voted, That the sum of \$9,100 be appropriated for the Assessors' Department.

Voted, That the sum of \$3,700 be appropriated for the Tax Collector's Department.

Voted, That the sum of \$2,725 be appropriated for the Treasurer's Department.

Voted, That the sum of \$3,070 be appropriated for the Accounting Department.

Voted, That the sum of \$300 be appropriated for the Finance Committee.

Voted, That the sum of \$970 be appropriated for election and registration expenses.

Voted, That the sum of \$6,000 be appropriated for Town Hall and grounds.

Voted, That the sum of \$26,964 be appropriated for the Police Department, \$22,950 of which shall be for salaries and \$4,014 for maintenance and equipment.

Voted, That the sum of \$27,150 be appropriated for the Fire Department, \$22,400 of which shall be for salaries of the Department and the Board of Fire Engineers and \$4,750 for the maintenance and equipment.

Voted, That the sum of \$3,505 be appropriated for the Fire Alarm Department.

Voted, That the sum of \$145 be appropriated for the Forest Warden's Department.

Voted, That the sum of \$3,775 be appropriated for the Inspection Department.

Voted, That the sum of \$5,500 be appropriated for the Moth Department, \$3,500 of which shall be for work on public property and \$2,000 for work on private property.

Voted, That the sum of \$1,500 be appropriated for the Tree Warden's Department.

Voted, That the sum of \$100 be appropriated for the use of the committee in charge of the Town Nursery.

Voted, That the sum of \$4,750 be appropriated for the Board of Health.

Voted, That the sum of \$2,200 be appropriated for the removal of garbage.

Voted, That the sum of \$5,900 be appropriated for the Sewer Department Maintenance.

Voted, That the sum of \$5,175.99 be appropriated for the Town's assessment for the maintenance of the Norfolk County Hospital.

Voted, That the sum of \$17,000 be appropriated for the Department of Public Welfare.

Voted, That the sum of \$2,000 be appropriated, \$200 of which shall be for State Aid, \$300 for Military Aid, and \$1,500 for Soldiers' Relief.

Voted, That the sum of \$74,800 be appropriated for the Highway Department.

Voted, That the sum of \$11,000 be appropriated for sidewalks, \$5,000 of which shall be for general construction and repairs, and \$6,000 for permanent construction of which approximately one-half shall be assessed as betterments and paid by the abutters.

Voted, That the sum of \$7,000 be appropriated for Snow Removal.

Voted, That the sum of \$23,614.15 be appropriated for Street Lighting.

Voted, That the sum of \$206,489 together with the income of the Dwight School Fund be appropriated for the School Department

Voted, That the sum of \$2,500 be appropriated for Vocational Tuition.

Voted, That the sum of \$7,400.22 together with the income from the Barr and Greenwood Funds, be appropriated for the Public Library.

Voted, That the sum of \$2,500 be appropriated for the Park Department.

Voted, That the sum of \$3,500 be appropriated for the Trustees of Memorial Park.

Voted, That the sum of \$400 be appropriated for the Town Planning Board.

Voted, That the sum of \$200 be appropriated for the Board of Survey.

Voted, That the sum of \$3,200 be appropriated for insurance premiums.

Voted, That the sum of \$88,244 be appropriated for Municipal Indebtedness, \$46,400 of which shall be for bonds maturing in 1929 and the balance for interest on loans.

Voted, That the sum of \$400 be appropriated for the upkeep of Soldiers' Graves.

Voted, That the sum of \$300 be appropriated for the observance of Memorial Day.

Voted, That the sum of \$8,461 be appropriated for printing and distributing the Town Reports, expenses of Dog Officer, Certification of Town notes, Engineers' fees, legal expenses, Christmas trees, damage awards and other unclassified items.

Voted, That the sum of \$2,500 be appropriated for the Reserve Fund.

Article 7. To see if the Town will authorize the Treasurer, with the approval of the Selectmen to borrow money in anticipation of revenue of the current financial year.

Voted, That the Town Treasurer, with the approval of the Selectmen, be and hereby is authorized to borrow money from time to time in anticipation of revenue of the financial year beginning January 1, 1929, and to issue a note or notes of the Town therefor payable within one year, any debt or debts incurred under this vote to be paid from the revenue of said financial year. Vote declared unanimous.

Article 8. To see what action the Town will take relative to the salaries of its Town officers.

Voted, That the salaries of all town officers be the same as in 1928, except that \$200 be added to the salary of one full time Assessor.

Article 9. To see in what manner the Town will have its taxes collected and fix the compensation therefor for the current year.

Voted, That all poll and personal property taxes shall be paid on demand, and all other taxes on or before the first day of November, 1929.

Interest at the rate of six per cent (6%) per annum shall be charged from October 15, 1929, on all taxes not paid on or before the first day of November, 1929. The Collector shall use the means provided by law for the collection of all taxes remaining unpaid after the first day of December, 1929.

(The above shall be printed on the tax bills.)

If, in the judgment of the Collector, in consequence of removal, or any other circumstance, any tax should be collected before the first day of October, he is fully authorized to serve his warrant in the collection of such tax at any time.

The Collector shall guarantee to collect the full amount of all taxes legally assessed and committed to him for collection (except such sums as may be abated) and shall pay the said taxes together with the accrued interest thereon over to the Town Treasurer from time to time as he collects the same, and shall pay the full amount of all taxes committed to him for collection together with the accrued interest thereon, except such sums as may be abated, over to the Town Treasurer, on or before April 1, 1930, and shall turn over his completed warrant together with all papers relating to the same to the Town Clerk not later than July 1, 1930.

The Tax Collector shall receive one-half of one per cent of the tax warrant for collection of the taxes for the year 1929 payable monthly as and when same are collected; this compensation shall include all expenses except payment of the Tax Collector's bond.

Article 10. To see if the Town will vote to authorize the Assessors to use the free cash in the treasury to meet appropriations made under articles of the warrant for this meeting.

Voted, That the Assessors be and they are hereby authorized to use \$30,000 of the free cash in the treasury to meet appropriations voted under articles of the warrant for this meeting.

Article 11. To see if the Town will appropriate the sum of seven hundred fifty-four dollars (\$754) incurred for hospital expenses at the Massachusetts Homeopathic Hospital in 1924, 1925, and 1926, and at the Massachusetts Eye and Ear Infirmary in 1926.

Voted, That the sum of \$754 be appropriated for the payment of hospital expenses incurred at the Massachusetts Homeopathic Hospital in 1924, 1925, and 1926, and at the Massachusetts Eye and Ear Infirmary in 1926.

Article 12. To see if the Town will vote to rescind its vote passed under Article 44 of the warrant for the annual Town Meeting, held March 19, 1928, whereby the Town voted to authorize its Treasurer with the approval of a majority of the Selectmen to borrow fifteen thousand dollars (\$15,000) for the purpose of extensions of its common sewers.

Voted, That the vote of the Town passed under Article 44 of the warrant for the Annual Town Meeting, held March 19, 1928, whereby the Town voted to authorize its Treasurer with the approval of a majority of the Selectmen to borrow fifteen thousand dollars (\$15,000) for the purpose of extensions of its common sewers be and the same hereby is rescinded.

Article 13. To see if the Town will vote to transfer from the Sewer Assessment Reserve Fund to the General Fund the sum of fifteen thousand (\$15,000) together with interest thereon amounting to three hundred seventy-five dollars (\$375) to reimburse the General Fund for fifteen thousand dollars (\$15,000) advanced therefrom for extensions of common sewers in 1928. Said fifteen thousand dollars (\$15,000) having been appropriated for extensions of common sewers under Article 43 of the warrant for the annual Town Meeting, held March 19, 1928.

Voted, That the sum of \$15,000 together with interest thereon amounting to \$375 be transferred from the Sewer Assessment Reserve Fund to the General Fund to reimburse the General Fund for \$15,000 advanced therefrom for extension of common sewers in 1928. Said fifteen thousand dollars (\$15,000) having been appropriated for extensions of common sewers under Article 43 of the warrant for the Annual Town Meeting held March 19, 1928.

Article 14. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the purpose of extensions of the common sewers; said six thousand dollars (\$6,000) to be taken from the Sewer Assessment Reserve Fund, or pass any vote or votes relative thereto.

Voted, That the sum of \$6,000 be appropriated for the purpose of extensions of the common sewers; said six thousand dollars (\$6,000) to be taken from the Sewer Assessment Reserve Fund.

Article 15. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the purpose of extensions of the common sewers and to meet said appropriation to take the sum of five thousand dollars (\$5,000) from the free cash in the treasury and authorize the Treasurer, with the approval of the Selectmen, to borrow twenty-five thousand dollars (\$25,000), in accordance with Chapter 324 (1) of the Acts of 1928, and issue the notes or bonds of the Town therefor payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Voted, That the sum of \$30,000 be appropriated for the purpose of extensions of the common sewers and to meet this appropriation and to comply with Chapter 324 (1) of the Acts of 1928 a sum equal to twenty-five cents (25c) on

each \$1,000 of the assessed valuation of the Town for the preceding year be appropriated from the free cash in the Treasury, and the Treasurer with the approval of the Selectmen be and he is hereby authorized to borrow a sum equal to the difference between \$30,000 and the amount hereby appropriated from the Treasury and to issue the notes or bonds of the Town therefor, payable in accordance with General Laws Chapter 44 Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years or at such earlier date as the Treasurer and Selectmen may determine.

Vote declared unanimous.

Article 16. To see if the Town will appropriate the sum of one thousand one hundred dollars and thirty-three cents (\$1,100.33) to reimburse the Sewer Construction Account for uncollectible sewer assessments made in 1928 against Town property, or pass any vote or votes relative thereto.

Voted, That the sum of one thousand one hundred dollars and thirty-three cents (\$1,100.33) be appropriated for the purpose of reimbursing the Sewer Construction Account for uncollectible sewer assessments made in 1928 against Town property.

Article 17. To see what sum of money the Town will appropriate for particular sewers and house connections.

Voted, That the sum of \$10,000 be appropriated for the construction of particular sewers and house connections.

Article 18. To see if the Town will appropriate the sum of twenty thousand dollars (\$20,000) for the use of the Water Department to provide for the extension of water mains and for water departmental equipment; and to meet said appropriation to authorize the Treasurer, with the approval of the Selectmen, to borrow twenty thousand dollars (\$20,000) in accordance with Chapter 291 (7) of the Acts of 1928, and to issue the notes or bonds of the Town therefor, payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years, or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Voted, That the sum of \$20,000 be appropriated for the use of the Water Department to provide for the extension of water mains and for water departmental equipment; and to meet this appropriation the Treasurer be and he is hereby authorized with the approval of the Selectmen, to borrow twenty thousand dollars (\$20,000) in accordance with Chapter 291 (7) of the Acts of 1928, and to issue the notes or bonds of the Town therefor, payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years, or at such earlier date as the Treasurer and Selectmen may determine.

Vote declared unanimous.

Article 19. To see if the Town will appropriate the sum of eighteen thousand dollars (\$18,000) for the maintenance of the Glover Memorial Hospital, or pass any vote or votes relative thereto.

Voted, That the sum of \$18,000 be appropriated for the maintenance of the Glover Memorial Hospital.

Article 20. To see if the Town will appropriate the sum of three thousand dollars (\$3,000) for repairs to the Glover Memorial Hospital buildings on Chestnut Street, or pass any vote or votes relative thereto.

Voted, That the sum of \$3,000 be appropriated for repairs to the Glover Memorial Hospital buildings on Chestnut Street.

Article 21. To see if the Town will appropriate the sum of thirty-five hundred dollars (\$3,500) of which sum seventeen hundred forty dollars and sixty-three cents (\$1,740.63) is to be used to pay for traffic signals purchased and installed in 1928, and the balance to be used for the purchase and installation of traffic signals in 1929, or pass any vote or votes relative thereto.

Voted, That the sum of \$1,740.63 be appropriated to pay for traffic signals purchased and installed in 1928.

Article 22. To see if the Town will appropriate the sum of one hundred dollars (\$100) for the salary for a local game warden as advised by the State Department of Conservation, or pass any vote or votes relative thereto.

Voted, That the sum of \$100 be appropriated for salary of the local game warden.

Article 23. To see if the Town will appropriate the sum of fifteen thousand dollars (\$15,000) for the construction of Greendale Avenue, provided the County and the department of public works, division of highways, each allot the sum of seventy-five hundred dollars (\$7,500) for said construction, or take any action relative thereto.

Voted, That the sum of \$15,000 be appropriated for the construction of Greendale Avenue, provided Norfolk County and the department of public works, division of highways, each allot the sum of seventy-five hundred dollars (\$7,500) for said construction.

Vote declared unanimous.

Article 24. To see if the Town will accept Harris Avenue from Mayo Avenue to Great Plain Avenue under the provisions of law authorizing the assessment of betterments and according to a plan on file with the Town Clerk.

Voted, That the Town accept Harris Avenue from Mayo Avenue to Great Plain Avenue under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 25. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the construction of Harris Avenue under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the sum of \$30,000 be appropriated for the construction of Harris Avenue under the provisions of law

authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 26. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the construction of a drain on Harris Avenue, or pass any vote or votes relative thereto.

Voted, That the sum of \$6,000 be appropriated for the construction of a drain through Harris Avenue.

Article 27. To see if the Town will accept Lawton Road from South Street to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Paul H. Weitze and others.

Voted, That the Town accept Lawton Road from South Street to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 28. To see if the Town will appropriate the sum of ten thousand dollars (\$10,000) for the construction of Lawton Road from South Street to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the sum of \$10,000 be appropriated for the construction of Lawton Road from South Street to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 29. To see if the Town will accept Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Primo Ricciardelli and others.

Voted, That the Town accept Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 30. To see if the Town will appropriate the sum of twenty-five hundred dollars (\$2,500) for the construction of Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the sum of \$2,500 be appropriated for the construction of Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 31. To see if the Town will accept Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Samuel Kingsbury and others.

Voted, That the Town accept Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Vote declared unanimous.

Article 32. To see if the Town will appropriate the sum of four thousand dollars for the construction of Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the sum of \$4,000 be appropriated for the construction of Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 33. To see if the Town will accept Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Philip A. Seabury and others.

Voted, That the Town accept Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Vote declared unanimous.

Article 34. To see if the Town will appropriate the sum of sixty-two hundred dollars (\$6,200) for the construction of Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the sum of \$6,200 be appropriated for the construction of Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 35. To see if the Town will accept Powers Street from Webster Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Winthrop M. Southworth and others.

Voted, That the Town accept Powers Street from Webster Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Vote declared unanimous.

Article 36. To see if the Town will appropriate the sum of eleven thousand dollars (\$11,000) for the construction of Powers Street from Webster Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That the Town appropriate the sum of \$11,000 for the construction of Powers Street from Webster Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 37. To see if the Town will accept Powers Street from Manning Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That Article 37 be dismissed.

Article 38. To see if the Town will appropriate the sum of eighty-five hundred dollars (\$8,500) for the construction of Powers Street from Manning Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That Article 38 be dismissed.

Article 39. To see if the Town will accept Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That Article 39 be dismissed.

Article 40. To see if the Town will appropriate the sum of four thousand dollars (\$4,000) for the construction of Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Voted, That Article 40 be dismissed.

Article 41. To see if the Town will authorize and direct its Selectmen to take about 11,400 square feet of land, more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for purpose of a street or way extending Kingsbury Street westerly through land of Isabelle M. Hall to Oakland Avenue, so-called, as shown on a plan marked "Plan showing proposed extension of Kingsbury and Pickering Streets" on file with the Town Clerk; and to appropriate money therefor, or pass any vote or votes relative thereto.

Voted, That the Selectmen be and hereby are authorized and directed to take about 10,400 square feet of land, more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for the purpose of a street or way extending Kingsbury Street westerly through land of Isabelle M. Hall to Oakland Avenue, so-called, as shown on a plan marked "Plan showing proposed extension of Kingsbury and Pickering Streets" on file with the Town Clerk, and that the sum of \$3,000 be appropriated therefor.

282 yes. 63 no.

Article 42. To see if the Town will authorize and direct its Selectmen to take about 11,074 square feet of land more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for the purpose of a street or way extending Pickering Street northerly to Memorial Park and appropriate money therefor or pass any vote or votes relative thereto.

Voted, That the Selectmen be and hereby are authorized and directed to take about 11,074 square feet of land more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for the purpose of a street or way extending Pickering Street northerly to Memorial Park as shown on plan marked "Plan showing proposed extension of Pickering and Kingsbury Streets" on file with the Town Clerk and that the sum of \$1,708.21 be appropriated therefor.

248 yes. 64 no.

At 10.20 o'clock P.M., on motion of Allston R. Bowers it was

Voted, That this meeting be adjourned to March 25, 1929, at 7.45 o'clock P. M.

Attest:

CLARENCE E. FOSS,
Town Clerk.

ADJOURNED ANNUAL TOWN MEETING

March 25, 1929

Pursuant to adjournment of the Annual Town Meeting held March 18, 1929, the inhabitants of the Town of Needham, qualified to vote in Town affairs, met in the Town Hall in said Town on Monday, March 25, 1929, at 7.45 o'clock in the afternoon.

William G. Moseley, Moderator, in the chair.

Margaret O. Chase, Myra R. Kingsbury, Mabel E. Nason, George W. Holt, and Charles M. Donahue having been appointed checkers by the Board of Selectmen were sworn to the faithful performance of their duties. Check lists were used and 140 women and 355 men were checked on the lists as being present, a total of 495 voters.

Proceeded to take up the articles under the warrant.

Article 43. To see if the Town will accept Eaton Square as a private way as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Alger E. Eaton and another.

Voted, That the Town accept Eaton Square as a private way as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Article 44. To see if the Town will vote to build a municipal storage building and town yard on land owned by the Town on Howland Street and appropriate the sum of fifteen thousand dollars (\$15,000) therefor, or pass any vote or votes relative thereto.

Voted, That this article be dismissed.

Article 45. To see if the Town will appropriate the sum of twelve thousand dollars (\$12,000) for a police signal system or take any action relating thereto.

Voted, That this article be dismissed.

Article 46. To see if the Town will authorize its Selectmen to install three street lights on Garden Street extension on petition of Robert H. Burrage and others.

Article 47. To see if the Town will authorize its Selectmen to install ten street lights on Gayland Road and Laurel Drive on petition of Carleton G. McIntosh and others.

Article 48. To see if the Town will authorize its Selectmen to install three street lights on Hillcrest Road on petition of Ernest R. Keith and others.

Article 49. To see if the Town will authorize its Selectmen to install a street light at the intersection of Morley Street and Page Road on petition of Harry A. Gates and others.

Article 50. To see if the Town will authorize its Selectmen to install four street lights on Wauchusett Road on petition of Clifford C. Church and others.

Article 51. To see if the Town will authorize its Selectmen to install two street lights on Gibson Street on petition of Rocco Ferrara and others.

Article 52. To see if the Town will authorize its Selectmen to install four street lights on Sachem Road on petition of Primo Ricciardelli and others.

Article 53. To see if the Town will authorize its Selectmen to install two street lights on Hawthorne Avenue on petition of Jerry Bond and others.

Article 54. To see if the Town will authorize its Selectmen to install two street lights on Beaufort Avenue on petition of Jerry Bond and others.

Article 55. To see if the Town will authorize its Selectmen to install one street light on Pennsylvania Avenue on petition of James M. McCracken and others.

Article 56. To see if the Town will authorize its Selectmen to install one street light on the corner of Lewis Street and Newell Avenue on petition of Charles B. Roberts and others.

Unanimous consent having been given to incorporate the above articles in one motion.

Voted, That articles 46 to 56 inclusive be referred to the Selectmen with power to install lights according to the usual practice.

Article 57. To see if the Town will vote to amend Article II of the by-laws by adding thereto the following section.

Section 4A. The Selectmen annually in April shall appoint a town engineer at a fixed salary, who shall have authority to appoint such assistants as the town engineering work requires, subject to the approval of the Selectmen. The town engineer shall have charge of all town engineering. The town engineer, shall except as provided in Article II Section 8, have charge of and shall preserve, arrange and index, so as to be readily accessible to the public, all plans, surveys, field notes, records, documents, and inventories connected with the engineering department of the town. He shall keep accurate records showing in detail the operation and cost of his department, and a fair and equal distribution of such cost among the several town departments in proportion to the amount of work done for each. The town engineer shall each year submit to the Selectmen in time for publication in the annual town report a statement showing in detail the work of the engineering department for the year and the names and compensation of all persons employed. The selectmen shall have power to remove the town engineer at any time and appoint his successor.

Voted, That Article II of the by-laws of the Town be and the same are hereby amended by adding thereto the following section:

Section 4A. The Selectmen annually in April shall appoint a town engineer at a fixed salary, who shall have authority to appoint such assistants as the town engineering work requires, subject to the approval of the Selectmen. The town engineer shall have charge of all town engineering. The town engineer, shall except as provided in Article II Section 8, have charge of and shall preserve, arrange and index, so as to be readily accessible to the public, all plans, surveys, field notes, records, documents and inventories connected with the engineering department of the town. He shall keep accurate records showing in detail the operation and cost of his department, and a fair and equal distribution of such cost among the several town departments in proportion to the amount

of work done for each. The town engineer shall each year submit to the Selectmen in time for publication in the annual town report a statement showing in detail the work of the engineering department for the year and the names and compensation of all persons employed. The selectmen shall have power to remove the town engineer at any time and appoint his successor.

184 Affirmative. 5 Negative.

Article 58. To see if the Town will amend its by-laws by striking out Article III and substituting in the place thereof the following:

ARTICLE III

SPECIFICATIONS FOR CONSTRUCTION OF NEW STREETS THROUGH PRIVATE PROPERTY

Section 1. No street or way through private property shall be accepted by the town unless the same be previously constructed and completed in accordance with the following specifications.

Section 2. A plan and profile of every such street or way shall be approved by the Board of Survey and filed in the office of the Town Clerk.

Section 3. Every street or way shall be constructed not less than forty feet in width and at least one-fifth of the street width shall be reserved for sidewalk and berm on each side.

Section 4. All corners of intersecting streets or ways shall be rounded as approved by the Board of Selectmen.

Section 5. The entire area of every such street or way shall be first cleared of all stumps, brush, roots, and like material and of all trees not intended for preservation.

Section 6. All loam shall be removed from the limits of the street, inclusive of the sidewalks, to such a depth as may be approved by the Selectmen, and may be deposited in piles or spread on either side of the street, but in no case within the limits of the street except where same can be used for grass plots or reservations.

SUB-GRADE

Section 7. (a) The plane of the bottom of the excavation and the top of the fill when completed, known as the sub-grade, shall be true to the lines, grades, and cross-sections as approved by the Board of Selectmen.

(b) All rock or boulder found in the excavation shall be removed or broken off to a depth of not less than six inches below the surface of the sub-grade.

(c) All clay and spongy material in the road bed shall be removed to a depth of at least two feet below the sub-grade and the space thus made shall be filled with stone or other suitable material approved by the Selectmen.

(d) The sub-grade shall be brought accurately to a grade of not less than ten inches below the approved finished grade and shall correspond to a curved line sloping from the center of the sides at the rate of three-eighths of an inch to one foot after being rolled by a steam or other self-propelled roller, weighing not less than ten tons, until the surface of the sub-grade is smooth and hard.

SUB-BASE

Section 8. (a) Upon the surface of the sub-grade, prepared as previously specified shall be spread a layer of gravel, known as the sub-base, to a depth of at least six inches after rolling.

- (b) Gravel surface shall consist of approved gravel practically free from loam and clay and shall not contain stones measuring over three inches in their longest dimensions. Care shall be taken when spreading the gravel to distribute the largest stones so that they will be at the bottom of the course. The gravel so placed shall be thoroughly rolled by a roller, weighing not less than ten tons, until a firm, even surface is obtained.
- (c) All sidewalks, driveways, and grading of lawns shall be brought to a finished grade at the street line of four inches above that of the proposed center line grade opposite that point as shown on approval plan.
- (d) Both the roadway and sidewalk shall be rolled to the satisfaction of the Selectmen and the side sloped, either in excavation or embankment, shall be covered with good loam to a depth of six inches, carefully rolled and so applied as to insure against slipping.

BITUMINOUS MACADAM SURFACE

- Section 9.* (a) Upon the gravel sub-base, prepared as previously specified, shall be spread evenly a layer of dry, clean, No. 1 crushed stone, suitable to the Selectmen, in such quantity that after being rolled there will be a uniform depth of not less than four inches. Any depressions or irregularities which may occur shall be filled with crushed stone and again rolled until the surface is true and unyielding.
- (b) The penetration coat of a bituminous material approved by the Selectmen shall then be uniformly applied by a suitable pressure distributor at such rate per square yard of road surface as specified by the Selectmen.
 - (c) The bituminous material shall then be covered with dry, clean, No. 2 stone, sufficient to fill the surface voids. Care shall be taken that the rolling starts while the surface is still warm: No. 2 stone shall be added in small amounts as the rolling continues.
 - (d) Brooms shall be used in distributing the No. 2 stone and only a quantity sufficient for filling the voids shall be spread; any excess shall be avoided. The rolling shall continue until a firm and smooth surface results. The surface shall then be thoroughly swept to remove all loose material and dust.
 - (e) The seal coat of a bituminous material approved by the Selectmen shall then be evenly applied in the same manner as the penetration coat, and at such rate per square yard as may be specified by the Selectmen. The surface shall be immediately covered with dry, clean, pea stone in a sufficient amount to protect the road while setting up and then thoroughly rolled to the satisfaction of the Selectmen.
- Section 10.* No bituminous work shall be done during rainy weather, nor when weather conditions, as to temperature or otherwise, are in the opinion of the Selectmen, unsatisfactory to obtaining good results.

Voted, That the Town by-laws be amended by striking out Article III and substituting in place thereof the following:

ARTICLE III

SPECIFICATIONS FOR CONSTRUCTION OF NEW STREETS THROUGH PRIVATE PROPERTY

- Section 1.* No street or way through private property shall be accepted by the town unless the same be previously constructed and completed in accordance with the following specifications.

Section 2. A plan and profile of every such street or way shall be approved by the Board of Survey and filed in the office of the Town Clerk.

Section 3. Every street or way shall be constructed not less than forty feet in width and at least one-fifth of the street width shall be reserved for sidewalk and berm on each side.

Section 4. All corners of intersecting streets or ways shall be rounded as approved by the Board of Selectmen.

Section 5. The entire area of every such street or way shall be first cleared of all stumps, brush, roots, and like material and of all trees not intended for preservation.

Section 6. All loam shall be removed from the limits of the street, inclusive of the sidewalks, to such a depth as may be approved by the Selectmen, and may be deposited in piles or spread on either side of the street, but in no case within the limits of the street except where same can be used for grass plots or reservations.

SUB-GRADE

Section 7. (a) The plane of the bottom of the excavation and the top of the fill when completed, known as the sub-grade, shall be true to the lines, grades, and cross-sections as approved by the Board of Selectmen.

(b) All rock or boulder found in the excavation shall be removed or broken off to a depth of not less than six inches below the surface of the sub-grade.

(c) All clay and spongy material in the road bed shall be removed to a depth of at least two feet below the sub-grade and the space thus made shall be filled with stone or other suitable material approved by the Selectmen.

(d) The sub-grade shall be brought accurately to a grade of not less than ten inches below the approved finished grade and shall correspond to a curved line sloping from the center of the sides at the rate of three-eighths of an inch to one foot after being rolled by a steam or other self-propelled roller, weighing not less than ten tons, until the surface of the sub-grade is smooth and hard.

SUB-BASE

Section 8. (a) Upon the surface of the sub-grade, prepared as previously specified shall be spread a layer of gravel, known as the sub-base, to a depth of at least six inches after rolling.

(b) Gravel surface shall consist of approved gravel practically free from loam and clay and shall not contain stones measuring over three inches in their longest dimensions. Care shall be taken when spreading the gravel to distribute the largest stones so that they will be at the bottom of the course. The gravel so placed shall be thoroughly rolled by a roller, weighing not less than ten tons, until a firm, even surface is obtained.

(c) All sidewalks, driveways, and grading of lawns shall be brought to a finished grade at the street line of four inches above that of the proposed center line grade opposite that point as shown on approval plan.

(d) Both the roadway and sidewalk shall be rolled to the satisfaction of the Selectmen and the side sloped, either in excavation or embankment, shall be covered with good loam to a depth of six inches, carefully rolled and so applied as to insure against slipping.

BITUMINOUS MACADAM SURFACE

- Section 9.* (a) Upon the gravel sub-base, prepared as previously specified, shall be spread evenly a layer of dry, clean, No. 1 crushed stone, suitable to the Selectmen, in such quantity that after being rolled there will be a uniform depth of not less than four inches. Any depressions or irregularities which may occur shall be filled with crushed stone and again rolled until the surface is true and unyielding.
- (b) The penetration coat of a bituminous material approved by the Selectmen shall then be uniformly applied by a suitable pressure distributor at such rate per square yard of road surface as specified by the Selectmen.
- (c) The bituminous material shall then be covered with dry, clean, No. 2 stone, sufficient to fill the surface voids. Care shall be taken that the rolling starts while the surface is still warm: No. 2 stone shall be added in small amounts as the rolling continues.
- (d) Brooms shall be used in distributing the No. 2 stone and only a quantity sufficient for filling the voids shall be spread; any excess shall be avoided. The rolling shall continue until a firm and smooth surface results. The surface shall then be thoroughly swept to remove all loose material and dust.
- (e) The seal coat of a bituminous material approved by the Selectmen shall then be evenly applied in the same manner as the penetration coat, and at such rate per square yard as may be specified by the Selectmen. The surface shall be immediately covered with dry, clean, pea stone in a sufficient amount to protect the road while setting up and then thoroughly rolled to the satisfaction of the Selectmen.

Section 10. No bituminous work shall be done during rainy weather, nor when weather conditions, as to temperature or otherwise, are in the opinion of the Selectmen, unsatisfactory to obtaining good results.

231 Affirmative. Negative none.

Article 59. To see if the Town will vote to accept and adopt revised building by-laws for the Town in accordance with the report, on file with the Town Clerk, of the Committee appointed under a vote of the Town passed at its Annual Meeting, held March 19, 1928, or pass any vote or votes relative thereto.

Voted, That there be added to the building by-laws as drafted by the committee on revision of building by-laws and now on file in the office of the Town Clerk, after Section 2 of Article XX the following section:

Section 2A. No person, firm or corporation shall install any wires or system of wiring intended for the transmission of electricity for light, heat or power in any building, or change the position of, or make additions to, any wires or system of wiring that is so intended, without first notifying the inspector of wires, who shall be given full opportunity to inspect the same.

Voted, That the report of the committee on revision of building by-laws on file in the office of the Town Clerk, as amended by vote at this meeting be printed and distributed to the voters of the Town, and the matter referred back to the same committee to report at a future Town meeting.

Article 60. To see if the Town will vote to accept the provisions of Sections 42, 43, and 44 of Chapter 48 of the General Laws relative to Fire Departments on petition of Frank W. Gorse and others.

Voted, That Sections 42, 43, and 44, of Chapter 48 of the General Laws relating to Fire Departments be accepted.

230 Affirmative. 141 Negative.

Article 61. To see if the Town will appropriate five hundred dollars (\$500) for the purpose of paying one-half the cost of clearing away and constructing a fence along the southerly line of Memorial Park abutting land of Rohn, land of Bruns, and land of Stevenson. Said fence to be chain link type seventy-two inches high with three strands of barbed wire at top, supported by iron posts set in cement foundations, or pass any vote or votes relative thereto, on petition of Arthur W. Rohn and others.

Voted, That the sum of \$500 be appropriated for the purpose of paying one-half the cost of clearing away and constructing a fence along the southerly line of Memorial Park abutting land of Rohn, land of Bruns, and land of Stevenson. The type of fence there to be erected to be first approved by the Memorial Park Trustees.

Article 62. To see if the Town will appropriate the sum of one thousand dollars (\$1,000) for the celebration of the Fourth of July, 1929, or pass any vote or votes relative thereto on petition of Needham Post 14, American Legion, and others.

Voted, That the sum of \$1,000 be appropriated for the purpose of celebrating the Fourth of July, 1929. Said sum to be expended under a committee of five to be appointed by the Moderator.

The following were appointed as a committee under this Article by the Moderator: William B. Perlin, Willis L. Brownville, Robert H. Burrage, P. Bernhardt Richwagen, and Samson Hammersley.

Article 63. To see if the Town will authorize the Selectmen to appoint a committee of three registered voters to have charge of the Town Nursery, this committee to consist of the Tree Warden and two other members, one to serve for one year and one to serve for two years from April 1, 1929, and thereafter, commencing April 1, 1930, and so long as the Town Nursery shall be maintained, the Selectmen annually to appoint one member to serve for two years from April 1st of the year of appointment. Vacancies in said committee to be filled by the Selectmen's appointment.

Voted, That the Selectmen be and the same are hereby authorized to appoint a Committee of three registered voters to have charge of the Town Nursery, this committee to consist of the Tree Warden and two other members, one to serve for one year and one to serve for two years from April 1, 1929, and thereafter, commencing April 1, 1930, and so long as the Town Nursery shall be maintained, the Selectmen to appoint one member to serve for two years from April 1st of the year of appointment. Vacancies in said committee to be filled by the Selectmen's appointment.

Article 64. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area at the intersection of Central Avenue and Rosegate Road bounded on the north by land of the City of Boston 150 feet and land of Webb 220 feet, on the east by a brook 240 feet, on the south by Central Avenue 326.6 feet and on the west by Rosegate Road, so-called, 100 feet. Be all of said measurements more or less on petition of Ruth A. Webb and others.

Voted, That the Town's zoning map be and the same is hereby amended by changing from a single residence district to a business district the area at the intersection of Central Avenue and Rosegate Road, so-called, bounded on the north by land of the City of Boston 150 feet and land of Webb 220 feet, on the east by a brook 240 feet, on the south by Central Avenue 326.6 feet and on the west by Rosegate Road, so-called, 100 feet.

167 Affirmative. Negative none.

Article 65. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called, on petition of C. H. Walton and others.

Voted, That this Article be dismissed.

Article 66. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area on the west side of Highland Avenue bounded southerly by land of Samuel S. and Bertha A. Smith and land of William H. Wye, westerly by the location of the New York, New Haven and Hartford Railroad Company, northerly by land of the William Carter Company, and easterly by Highland Avenue on petition of Benjamin D. May.

Voted, That the Town's zoning map be and the same is hereby amended by changing from a single residence district to a business district, the area on the west side of Highland Avenue bounded southerly by land of Samuel S. and Bertha A. Smith and land of William H. Wye, westerly by the location of the New York, New Haven & Hartford Railroad Company, northerly by land of the William Carter Company, and easterly by Highland Avenue.

309 Affirmative. 66 Negative.

Article 67. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area at the intersection of Webster Street and Central Avenue bounded on the north by Central Avenue 129 feet, on the east by Webster Street 75 feet, on the south by land of the Town of Needham and on the west by land now or formerly of John M. Hodge, be all of said measurements more or less on petition of William Regan and others.

Voted, That this Article be dismissed.

Article 68. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area bounded easterly by Highland Avenue, southerly by May Street, so-called,

westerly by the location of the New York, New Haven & Hartford Railroad Company, and northerly by land of the Willett and Chadwick Coal Company on petition of Florence C. Ross and others.

Voted, That the Town's zoning map be and the same is hereby amended by changing from a single residence district to a business district the area bounded easterly by Highland Avenue, southerly by May Street, so-called, westerly by the location of the New York, New Haven & Hartford Railroad Company, and northerly by land of the Willett and Chadwick Coal Company.

218 Affirmative. 88 Negative.

Article 69. To see if the Town will authorize and direct Memorial Park Trustees to take such action as may be necessary to make it lawful to charge admission to games, sports, or athletic contests held on Memorial Park or any portion thereof or pass any vote or votes relative thereto, on petition of Stanley M. Hollis.

Voted, That the Memorial Park Trustees be and the same are hereby authorized and directed to take such action as may be necessary to make it lawful to charge admission to games, sports, or athletic contests held on Memorial Park or any portion thereof.

Article 70. To see if the Town will vote to have the reports of its officers, the proceedings of this and subsequent Town Meetings printed and distributed, or pass any vote or votes relative thereto.

Voted, That the proceedings of the 1929 annual and subsequent Town Meetings and reports of Town officers with the exception of the valuation list of the Board of Assessors, be printed and distributed, the same as in 1928.

At 9.45 o'clock P. M., it was

Voted, That this meeting be now dissolved.

Attest:

CLARENCE E. FOSS.

Town Clerk.

WARRANT FOR SPECIAL TOWN MEETING

Tuesday, June 18, 1929

Commonwealth of Massachusetts

Norfolk, ss.

*To George Twigg, a Constable in the Town of Needham, in said County,
Greeting:*

In the name of the Commonwealth of Massachusetts you are hereby required to notify and warn the inhabitants of the Town of Needham qualified to vote in Town affairs to meet at the Town Hall in said Town on Tuesday, the eighteenth day of June, 1929, at thirty minutes past seven o'clock in the afternoon, then and there to act upon the following articles, viz.:

Article 1. To hear and take action on the report of the Building Committee authorized under Article 9 of the Warrant for the Special Town Meeting held December 10, 1928, to select an architect or architects and to prepare plans for a new senior high school building, and a new elementary school building on the sites referred to in said Article 9.

Article 2. To see if the Town will appropriate the sum of four hundred and twenty thousand dollars (\$420,000) for the purpose of constructing a new senior high school building on the Richwagen Hill site, and to meet said appropriation to take the sum of twenty thousand dollars (\$20,000) from the free cash in the treasury, and authorize the Treasurer, with the approval of the Selectmen, to borrow four hundred thousand dollars (\$400,000), and to issue the notes or bonds of the Town therefor at a rate of interest not exceeding 5%, payable in accordance with General Laws, Chapter 44, and the Acts in amendment thereto, so that the whole loan shall be paid in not more than twenty years, or at such earlier date as the Treasurer and Selectmen may determine, said bonds to bear on their face the words "Needham Senior High School Loan of 1929," or pass any vote or votes relative thereto.

Article 3. To see what action the Town will take relative to the appointment of a Committee to act as Town agents for the purpose of constructing, equipping and furnishing the new senior high school building to be built on the Richwagen Hill site, and to build the approaches to said building and grade the premises.

Article 4. To see if the Town will authorize the Selectmen to install three street lights on Sumner Street, three street lights on Willard Street, and two street lights on Ward Street, or pass any vote or votes relative thereto.

Article 5. To see if the Town will appropriate the sum of two hundred and seventy dollars (\$270) for street lighting, or pass any vote or votes relative thereto.

Article 6. To see if the Town will appropriate eight hundred dollars (\$800) for the purpose of constructing a granolithic walk on the easterly side of Chapel Street abutting the Town Hall grounds, or pass any vote or votes relative thereto.

Article 7. To see if the Town will appropriate the sum of four thousand dollars (\$4,000) for the construction of granolithic sidewalks, of which approximately one-half shall be assessed as betterments to be paid by the abutters, or pass any vote or votes relative thereto.

Article 8. To see if the Town will appropriate one hundred seven dollars and seventy-five cents (\$107.75) to defray the expense of printing and distribution of the proposed new Building By-Laws, or pass any vote or votes relative thereto.

Article 9. To see if the Town will appropriate the sum of nine thousand dollars (\$9,000) for the purpose of extensions of the common sewers, said appropriation to be taken from the sewer assessment reserve fund or pass any vote or votes relative thereto.

Article 10. To see if the Town will authorize its Selectmen to enter into an option agreement giving the Town the right to purchase of the owner or owners thereof, the fee in that part of Chapel Street lying Northerly of the Town Hall grounds, said option to expire not later than May 1, 1930, the purchase price not to exceed fifteen thousand (\$15,000), or pass any vote or votes relative thereto.

Article 11. To see if the Town will amend its zoning By-Law by striking out of Section 3 the words "in a single residence district no building shall be erected, altered, or used except for one or more of the following uses" and substituting in place thereof the following "in a single residence district, a general residence district and an institutional district, no building shall be erected, altered, or used, and no premises shall be used, except for one or more of the following uses."

Article 12. To see if the Town will vote to amend its zoning map by changing from a general residential district to a manufacturing district the area located on the southerly side of West Street near Parish Street and bounded as follows: Northerly by land now or formerly of Harkins, land now or formerly of Eldridge, land now or formerly of Kallinowski, and land now or formerly of Lane two hundred seven and 81/100ths (207.81) feet; Westerly by Fairview Terrace, so-called, three hundred ninety-three and 26/100ths (393.26) feet; Southerly by land now or formerly of Lane, and land now or formerly of Cozens one hundred eighty and 33/100ths (180.33) feet, and Easterly by land now or formerly of McKenna, and land now or formerly of Conrod and land now or formerly of Lane, and land now or formerly of Cozens two hundred thirty-eight and 69/100ths (238.69) feet. Be all of said measurements more or less.

Article 13. To see if the Town will vote to amend its zoning map by changing from a single residence district to a manufacturing district the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company, and on the north by Cross Street, so-called.

Article 14. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district a parcel of land at the intersection of Webster Street and Central Avenue bounded on the north by Central Avenue, one hundred twenty-nine (129) feet, on the east by Webster Street, seventy-five (75) feet, on the south by land of the Town of Needham, and on the west by land now or formerly of John M. Hodge. Be all of said measurements more or less.

Article 15. To see if the Town will amend its Zoning By-Law by adding to Section 20 thereof the following:

Section 20 (a). On the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company, and on the north by Cross Street, so-called, no building shall be built or maintained within twenty (20) feet from the exterior line of Highland Avenue.

Article 16. To hear and take action on the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, to submit to the Town a revision of the Town Building By-Laws.

Article 17. To see if the Town will vote to amend its By-Laws by striking out therefrom Part A, Part B and Part C of the Building By-Laws and in place thereof substituting the revised Building By-Laws as set forth

in the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, and filed with the Town Clerk on May 28th, 1929, said revised By-Laws not to take effect until approved by the Attorney General and published according to law, or pass any vote or votes relative thereto.

And you are directed to serve this warrant by posting attested copies thereof in not less than twenty public places in said Town at least seven days before said meeting, and to leave a copy at each of the several dwelling houses within said Town.

Hereof fail not and make due return of this warrant with your doings thereon, unto our Town Clerk, on or before said day and hour.

Given under our hands at Needham aforesaid this fifth day of June, A.D. 1929.

SAMUEL D. LOW,
WM. P. BROWN,
ALLSTON R. BOWERS,
Selectmen of Needham.

Needham, June 10, 1929.

Norfolk, ss.

By virtue of this warrant I have this day notified and warned the inhabitants of the Town of Needham to meet as within directed, by posting true and attested copies of this warrant in not less than twenty public places in said Town more than seven days before the time of holding said meeting.

George Twigg,
Constable of Needham.

A true copy of warrant and Officer's return.

Attest:

Clarence E. Foss,
Town Clerk.

RECORD OF SPECIAL TOWN MEETING

Tuesday, June 18, 1929

Pursuant to the foregoing warrant the inhabitants of the Town of Needham, qualified to vote in Town affairs, met in the Town Hall in said Town on Tuesday, June 18, 1929, at 7.45 o'clock in the afternoon.

William G. Moseley, Moderator, in the chair.

Charles M. Donahue, George W. Holt, Arthur H. Godfrey, Wallace G. Rae and Margaret O. Chase were appointed checkers by the Board of Selectmen and sworn to the faithful performance of their duties. Check lists were used and 25 women and 106 men were checked on the lists as being present, a total of 131 voters.

The warrant and the return of the officer who served the same were read.

Proceeded to take up the articles under the warrant.

Article 1. To hear and take action on the report of the Building Committee authorized under Article 9 of the Warrant for the Special Town Meeting held December 10, 1928, to select an architect or architects and to prepare plans for a new senior high school building, and a new elementary school building on the sites referred to in said Article 9.

Voted, That the report of the Building Committee authorized under Article 9 of the Warrant for the Special Town Meeting held December 10, 1928, to select an architect or architects and to prepare plans for a new senior high school building, and a new elementary school building on the sites referred to in said Article 9 be accepted and placed on file, and that the plans for the proposed senior high school building prepared by R. Clipston Sturgis, Architect, be and the same are hereby accepted, and that the building to which said plans refer be constructed on the Richwagen Hill site.

Article 2. To see if the Town will appropriate the sum of four hundred and twenty thousand dollars (\$420,000) for the purpose of constructing a new senior high school building on the Richwagen Hill site, and to meet said appropriation to take the sum of twenty thousand dollars (\$20,000) from the free cash in the treasury, and authorize the Treasurer, with the approval of the Selectmen, to borrow four hundred thousand dollars (\$400,000), and to issue the notes or bonds of the Town therefor at a rate of interest not exceeding 5%, payable in accordance with General Laws, Chapter 44, and the Acts in amendment thereto, so that the whole loan shall be paid in not more than twenty years, or at such earlier date as the Treasurer and Selectmen may determine, said bonds to bear on their face the words "Needham Senior High School Loan of 1929," or pass any vote or votes relative thereto.

Voted, That the sum of \$420,000 be appropriated for the purpose of constructing the new senior high school building on the Richwagen Hill site, and to meet said appropriation

the sum of \$20,000 be taken from the free cash in the treasury, and the Treasurer, with the approval of the Selectmen, be authorized to borrow \$400,000 and to issue the notes or bonds of the Town therefor at a rate of interest not exceeding 5% payable in accordance with General Laws, Chapter 44, and the Acts in amendment thereto, so that the whole loan shall be paid in not more than twenty years, or at such earlier date as the Treasurer and Selectmen may determine, said bonds to bear on their face the words "Needham Senior High School Loan of 1929."

94 Affirmative. 2 Negative.

Article 3. To see what action the Town will take relative to the appointment of a Committee to act as Town agents for the purpose of constructing, equipping and furnishing the new senior high school building to be built on the Richwagen Hill site, and to build the approaches to said building and grade the premises.

Voted, That the Building Committee authorized under Article 9 of the Warrant for the Special Town Meeting held December 10, 1928, be continued in office as a Building Committee and that the same be and hereby are authorized and empowered to act as Town agents to make contracts in the name and behalf of the Town for the purpose of constructing, equipping and furnishing the new senior high school building specified in Article I to be built on the Richwagen Hill site, and to build the approaches to said building and grade the premises, the equipment and specifications governing the equipment to be approved by the School Committee.

Article 4. To see if the Town will authorize the Selectmen to install three street lights on Sumner Street, three street lights on Willard Street, and two street lights on Ward Street, or pass any vote or votes relative thereto.

Voted, That the Selectmen be authorized to install three street lights on Sumner Street, three street lights on Willard Street, and two street lights on Ward Street.

Article 5. To see if the Town will appropriate the sum of two hundred seventy dollars (\$270) for street lighting, or pass any vote or votes relative thereto.

Voted, That the sum of \$270 be appropriated for street lighting.

Article 6. To see if the Town will appropriate eight hundred dollars (\$800) for the purpose of constructing a granolithic walk on the easterly side of Chapel Street abutting the Town Hall grounds, or pass any vote or votes relative thereto.

Dismissed.

Article 7. To see if the Town will appropriate the sum of four thousand dollars (\$4,000) for the construction of granolithic sidewalks, of which approximately one-half shall be assessed as betterments to be paid by the abutters, or pass any vote or votes relative thereto.

Dismissed.

Article 8. To see if the Town will appropriate one hundred seven dollars and seventy-five cents (\$107.75) to defray the expense of printing and distribution of the proposed new building By-Laws, or pass any vote or votes relative thereto.

Voted, That the sum of \$107.75 be appropriated to defray the expense of printing and distribution of the proposed new building by-laws.

Article 9. To see if the Town will appropriate the sum of nine thousand dollars (\$9,000) for the purpose of extensions of the common sewers, said appropriation to be taken from the sewer assessment reserve fund, or pass any vote or votes relative thereto.

Voted, That the sum of \$9,000 be appropriated for the purpose of extensions of the common sewers, said appropriation to be taken from the sewer assessment reserve fund.

Article 10. To see if the Town will authorize its Selectmen to enter into an option agreement giving the Town the right to purchase of the owner or owners thereof, the fee in that part of Chapel Street lying northerly of the Town Hall grounds, said option to expire not later than May 1, 1930, the purchase price not to exceed fifteen thousand dollars (\$15,000), or pass any vote or votes relative thereto.

Voted, That the Selectmen be and hereby are authorized to enter into an option agreement giving the Town the right to purchase of the owner or owners thereof, the fee in that part of Chapel Street lying northerly of the Town Hall grounds, said option to expire not later than May 1, 1930, the purchase price not to exceed \$15,000.

Article 11. To see if the Town will amend its zoning By-Laws by striking out of Section 3 the words "in a single residence district no building shall be erected, altered, or used except for one or more of the following uses" and substituting in place thereof the following "in a single residence district, a general residence district and an institutional district, no building shall be erected, altered, or used, and no premises shall be used, except for one or more of the following uses."

Dismissed.

Article 12. To see if the Town will vote to amend its zoning map by changing from a general residential district to a manufacturing district the area located on the southerly side of West Street near Parish Street and bounded as follows: Northerly by land now or formerly of Harkins, land now or formerly of Eldridge, land now or formerly of Kallinowski and land now or formerly of Lane, two hundred seven and 81/100ths (207.81) feet; Westerly by Fairview Terrace, so-called, three hundred ninety-three and 26/100ths (393.26) feet; Southerly by land now or formerly of Lane and land now or formerly of Cozens, one hundred eighty and 33/100ths (180.33) feet and Easterly by land now or formerly of McKenna, and land now or formerly of Conrod, and land now or formerly of Lane, and land now or formerly of Cozens, two hundred thirty-eight and 69/100ths (238.69) feet. Be all of said measurements more or less.

Voted, That the Town's zoning map be and the same is hereby amended by changing from a residential district to a manufacturing district the area located on the southerly side of West Street near Parish Street and bounded as follows:

Northerly by land now or formerly of Harkins, land now or formerly of Eldridge, land now or formerly of Kallinowski, and land now or formerly of Lane two hundred seven and 81/100ths (207.81) feet; westerly by Fairview Terrace, so-called, three hundred ninety-three and 26/100ths (393.26) feet; southerly by land now or formerly of Lane and land now or formerly of Cozens one hundred eighty and 33/100ths (180.33) feet and easterly by land now or formerly of McKenna, and land now or formerly of Conrod, and land now or formerly of Lane and land now or formerly of Cozens two hundred thirty-eight and 69/100ths (238.69) feet. Be all of said measurements more or less.

29 Affirmative. 4 Negative.

Article 13. To see if the Town will vote to amend its zoning map by changing from a single residence district to a manufacturing district the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company, and on the north by Cross Street, so-called.

Voted, That the Town amend its zoning map by changing from a single residence district to a manufacturing district the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called.

Unanimous.

Article 14. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district a parcel of land at the intersection of Webster Street and Central Avenue bounded on the north by Central Avenue, one hundred twenty-nine (129) feet, on the east by Webster Street, seventy-five (75) feet, on the south by land of the Town of Needham and on the west by land now or formerly of John M. Hodge. Be all of said measurements more or less.

Not carried.

Article 15. To see if the Town will amend its Zoning By-Laws by adding to Section 20 thereof the following:

Section 20 (a). On the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called, no building shall be built or maintained within twenty (20) feet from the exterior line of Highland Avenue.

Voted, That the Town's zoning by-law be and the same hereby is amended by adding to Section 20 the following:

Section 20 (a). On the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called, no building shall be built or maintained within twenty (20) feet from the exterior line of Highland Avenue.

Unanimous.

Article 16. To hear and take action on the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, to submit to the Town a revision of the Town Building By-Laws.

Voted, That the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, to submit to the Town a revision of the Town Building By-Laws, be accepted and placed on file and the committee discharged.

Article 17. To see if the Town will vote to amend its By-Laws by striking out therefrom Part A, Part B, and Part C of the Building By-Laws and in place thereof substituting the revised Building By-Laws as set forth in the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, and filed with the Town Clerk on May 28th, 1929, said revised By-Laws not to take effect until approved by the Attorney General and published according to the law, or pass any vote or votes relative thereto.

Voted, That the Town's By-Laws be and the same are hereby amended by striking out therefrom Part A, Part B, and Part C of the Building By-Laws and in place thereof substituting the revised Building By-Laws as set forth in the report of the Committee appointed under Article 33 of the 1928 Annual Town Meeting, and filed with the Town Clerk on May 28th, 1929, said revised By-Laws not to take effect until approved by the Attorney General and published according to law.

Unanimous.

At 9.30 P.M. it was

Voted, That this meeting be now dissolved.

Attest:

CLARENCE E. FOSS,
Town Clerk.

OFFICERS QUALIFIED

Commonwealth of Massachusetts

Norfolk, ss.

Personally appeared before me on the dates set against their several names the following persons who were elected March 11, 1929, and made oath that they would faithfully discharge the duties of the office to which they were respectively elected.

1929

Mar.

- 11 William G. Moseley, Moderator.
- 11 Clarence E. Foss, Town Clerk.
- 11 Edward Seaver, Sewer Commissioner.
- 12 Charles E. Stanwood, Treasurer.
- 12 George Twigg, Tree Warden.
- 12 George Twigg, Constable.
- 12 Alfred T. Baker, Public Welfare
- 12 Arthur W. Rohn, Town Planning Board
- 12 Henry Godfrey, Tax Collector.
- 12 Harry H. Bruns, Member of School Committee.
- 12 Samuel D. Low
- 12 William P. Brown
- 12 Allston R. Bowers
- 14 David Murdoch, Jr., Board of Health.
- 14 Richard G. Preston, Member of School Committee.
- 14 Howard A. Flewelling, Assessor (Statute Oath).
- 15 Paul B. Richwagen, Trustee of Memorial Park.
- 16 Benjamin W. Chase, Trustee of Public Library.
- 18 George K. Clarke, Trustee of Public Library.
- 19 Arthur H. Whetton, Public Weigher.
- 19 Philip A. Rand, Water Commissioner.
- 19 Samuel D. Low, Highway Surveyor and Town Agent.
- 19 William P. Brown, Highway Surveyor and Town Agent.
- 19 Allston R. Bowers, Highway Surveyor, and Town Agent.
- 20 William G. Price, Public Weigher.
- 22 David E. Mann, Board of Health.
- 22 David E. Mann, Trustee Glover Memorial Hospital.
- 22 Frederick A. Whetton, Public Weigher.
- 23 Henry K. Morse, Public Weigher.
- 23 Alger E. Eaton, Finance Committee.
- 25 James W. Beahan, Public Weigher.
- 26 Howard A. Flewelling, Surveyor of Lumber.
- 26 Alfred P. Hartshorn, Finance Committee.
- 27 Oscar H. Starkweather, Trustee of Memorial Park.
- 28 Elizabeth Ryan, Public Weigher.
- 29 Nellie Burkett, Public Weigher.
- 30 Joseph Willett, Public Weigher.
- 30 Nicholas A. O'Brien, Public Weigher.

Apr.

- 13 Preston Mitchell, Park Commissioner.
 13 Preston Mitchell, Commissioner of Trust Funds.

June

- 2 William Mitchell, M.D., Trustee of Glover Memorial Hospital.
 2 David E. Mann, M.D., Trustee of Grover Memorial Hospital.
 2 Frank Arnold, Trustee of Glover Memorial Hospital.
 11 Brad Stephens, Finance Committee.
 28 Margaret O. Chase, Trustee of Glover Memorial Hospital.
 28 Frances E. Rowlands, Trustee of Glover Memorial Hospital.

July

- 30 Frederick S. Kingsbury, Agent, Care of Soldiers' and Sailors' Graves.

Oct.

- 22 William C. Payne, Registrar.
 22 Francis J. Stanwood, Temporary Treasurer.

Dec.

- 23 Irving H. Cowdrey, Building Committee.
 17 George P. Holbrook, Finance Committee.

DOG LICENSES

Town Clerk's report of money received.

461 Male dogs at \$2.00	\$922 00
102 Female dogs at \$5.00	510 00
92 Female spayed dogs at \$2.00	184 00
3 Breeder's licenses at \$25.00	75 00
1 Breeder's license at \$50.00	50 00
	<hr/>
	\$1,741 00
659 Licenses at 20c	131 80
	<hr/>
Amount paid County Treasurer	\$1,609 20

HUNTING, FISHING, AND TRAPPING LICENSES

296	Sporting licenses at \$2.25	\$666 00
25	Resident Citizens' Trapping licenses at \$2.25	56 25
1	Non-resident Citizens' Trapping license at \$5.25	5 25
40	Minor Trapping licenses at 75c	30 00
3	Alien Sporting licenses at \$15.25	45 75
		<hr/>
		\$803 25
365	Licenses at 25c	91 25
		<hr/>
Amount paid Division of Fisheries and Game		\$712 00

CLARENCE E. FOSS,
Town Clerk.

VITAL STATISTICS FOR 1929**BIRTHS**

1928

Sept.

4 Helen Williams; Russell T. and Marjorie F.

Dec.

9 George Henry Powell; William D. and Eliza E.

1929

Jan.

- 3 John Gabriele; Michael and Annie D.
- 4 Eleanor May Buckley; William J. and Edith V.
- 4 Illegitimate.
- 5 Charles Jerome McDonald, Jr.; Charles J. and Anne D.
- 5 Beatrice Treaser Kozlowski; Adam and Eva G.
- 12 Muriel Rose Langdale; George N. and Caroline C.
- 12 Elwyn Frederick Gardner; S. Elwyn and Helen E.
- 13 Chester William Romanowski; Charles and Mary.
- 13 Shirley Rayner; Harold P. and Clara E.
- 15 Robert Preskenis; William J. and Margaret C.
- 18 Russell Traill Bird; Mason T. and Bertha L.
- 19 Lee Evelyn Bond; Jerry B. Jr., and Evelyn L.
- 20 Beverly Kittredge Gray; Ralph H. and Mae L.
- 23 Arthur Russell; Francis A. and Mary E.
- 23 Robert Lawrence Obrey; Lawrence J. and Helen R.
- 24 Earl Frederick McIntosh, Jr.; Earl F. and Margaret K.
- 26 Mabel Florence Woodruff; Norman F. and Mabel F.
- 29 Robert Ward Bridges; Frank R. and Florence.
- 30 Elaine Janet Salamone; Michael R. and Mary F.
- 30 Roger Edwin Wye; Percy E. and Katherine E.

Feb.

- 2 Sally Joan Gates; William, Jr., and Helen P.
- 7 Norman Bruce Keith; Ernest R. and Marian F.
- 8 Edward Alaska; Walter and Sophia.
- 8 Evelyn Hesse; Kurt A. and Elsie M.
- 8 Lillian Pochebit; Valdimir and Sophia.
- 14 James Taylor Murray; Jack O. and Marion K.
- 12 Kenneth William Mulholland; James F. and Katherine T.
- 27 William LeRoy Hauptman; George and Rose E.
- 27 Nicholas Pagano; Gaspare and Theresa F.
- 27 Carl Victor Johnson; Edward and Annie M.

Mar.

- 3 Ann Winslow; Gordon B. and Janet W.
- 5 Priscilla Anne Craft; Francis F. and Marie A.
- 7 Almo Joseph Orciani; Joseph and Mary C.
- 8 John Edmund Richwagen; Paul B. and Helen M.
- 11 Roger Conant Moulton; Stanley W. and Lina Z.
- 12 Raymond Donald Vincent; Harold T. and Margaret A.
- 12 Ronald Leslie Taylor; Clayton T. and Emily T.
- 13 William Earl Schleicher; Otto and Lillian M.
- 22 Louise Gartner; Walter C. and Elizabeth Z.
- 25 Kenneth Eliot Gehling; Eliot B. and Exilda M.
- 27 Marcia Ann Corliss; Carl W. and Marjorie S.
- 29 Maria Angela Pagano; Samuel and Johanna Z.

April

- 3 Kevork Kevorkian; Hagop and Annie S.
- 3 Edward James Sharp; Richard F. and Agnes M.
- 4 Stephen Peter Roklan; Stephen and Ellen K.
- 4 Richard Barnhill Thompson; Edward B. and Frances E.
- 5 Arlene Langley Johnson; Ernest L. and Helen H.
- 5 Mary Ann Cook; Holly R. and Dorothy R.
- 6 Illegitimate
- 7 Kenneth Johnson; Charles E. and Helene F.
- 7 Elaine Johnson; Charles E. and Helene F.
- 8 Stillborn.
- 9 Eleanor Viola Hasenfus; George H. and Augusta C.
- 9 Alice Louise Starkweather; Oscar A. and Grace.
- 12 Harold Raymond Slaney; Howard R. and Florence M.
- 14 David George Eadie; Robert and Grace E.
- 14 Stillborn.
- 15 Charles Lawrence Mahoney; Charles S. and Ellen E.
- 15 Joseph Clark Bridgman, Jr.; Joseph C. and Edith McL.
- 19 Betty Eileen Manseau; Henry V. and Elizabeth L.
- 22 Gerald Murray Nichols; Ansel H. and Ruth L.
- 29 Helen Peverley Cox; Gilbert W. and Verna O.

May

- 5 Grace Margaret Bruning; Raymond J. and Beatrice E.
- 10 Henrietta Barbara Lane; Henry R. and Georgiana S.
- 12 Genie Sarvas; Peter and Anna.
- 16 Elaine Marie Gregory; Theodore and Eva R.
- 17 Nelson Donald Eldridge; Nelson M. and Vera F.
- 17 Muriel French Eastman; Harold F. and Helen M.
- 19 John Hagan; Joseph and Katherine A.
- 21 Jean Gertrude MacWilliam; William and Gertrude C.
- 23 John Moses Theriault, Jr., John M. and Viola E.
- 25 Richard Wellington Howes; Wellington, Jr., and Virginia.
- 27 Donald Thomas Gavel; Nelson C. and Helen K.
- 28 Alyce Ann Mahoney; Thomas F. and Alice E.

June

- 4 Phyllis Ann Turner; Gordon W. and Sarah L.
- 4 Iva Dina Cardaelli; Alfredo and Dalinda C.
- 9 Thomas William Brady; John and Madeline A.
- 9 Stanley Day Matthews; Charles S. and Eugenie R.
- 10 Illegitimate.
- 13 Pearl Helena Kasper; Frank J. and Beatrice A.
- 13 Robert Winslow Bullard; Alvan H. and Florence R.
- 13 Illegitimate.
- 18 Thomas Joseph Gaughan, Jr.; Thomas J. and Gertrude H.
- 19 David Mills; James A. and Catherine W.
- 19 Irma Maria Garland; George W. and Regina T.
- 21 Phyllis Helen Dineen; Joseph F. and Helen.

July

- 2 Elaine Virginia MacGray; Charles L. and E. Constance.
- 2 Barbara Pauline Bresse; Alfred E. and Valeda M.
- 3 Dorothy Ann Pfeifer; George J. and Anna M.
- 4 Phyllis Frances Manley; Gilbert J. and Alice O.
- 5 Dorothy Frances Haffey; John A. and Marie A.
- 6 Evelyn Ruth Jacobs; Samuel and Frances.
- 6 Margaret Mary Josephine McKay; Patrick and Helen.
- 6 Illegitimate.
- 9 James Edward Coyle; James P. and Nora.
- 10 Barbara Jean Wallis; Irving R. and Marion.
- 12 Thomas Richard Mitchell, Jr.; Thomas R. and Anna.
- 12 John Francis Kelly; William J. and Helen.
- 12 Irene Frances St. Pierre; George and Katherine.
- 13 Elizabeth Babson Miller; Otto H. and Mary.
- 19 Robert Howard McEvoy; Howard H. and Ruth.
- 21 Jean Elizabeth Columbo; Nicholas and Frances.
- 24 Jean Elizabeth Whelan; William and Elta.
- 25 Ralph Sidney Kingsbury, Jr., Ralph S. and Mae R.
- 25 Carmela Costa; Vito and Mary.
- 30 Nancy Haire; Robert H. and Grace.

Aug.

- 2 Lorraine Joyce DeDoming; Elmer and Rosalie.
- 7 Charles Edward Cook, Jr.; Charles E. and Elizabeth M.
- 10 Edward William Wainwright; Edward L. and Harriet.
- 10 Susana Stark; Frank and Selena.
- 12 Claire Farrand Martin; Harry and Grayce.
- 14 Harriet Long Milliken; Dudley L. and Eunice.
- 15 Albert Lawrence Tanney; Theodore and Louise.
- 20 Carl Warren Bezanson; Carl A. and Mary.
- 26 Howard Arthur Dodge; Charles E. and Beatrice H.
- 27 Ada Marie Skehan; John M. and Ada L.

Sept.

- 3 Jeanie Lewise Bleakney; Charles W. and Natalie M.
- 4 Nancy Ann Perry; Randolph and Mary J.
- 5 ——— Lingley; Horace and Alice.
- 6 Priscilla Schlusemeyer; Irving F. and Helen A.
- 9 Barbara Ann McNally; Walter J. and Barbara.
- 10 Elmer Holbrook Cook, 2nd.; Lester O. and Mary M.
- 11 Angelo Rosati; Ciro and Elsie.
- 12 Norman Wheaton Mazzur; Amedee S. and Estelle F.
- 13 Ann Coppinger; Edward A. and Ann.
- 15 Robert Joseph McKenna; Patrick F. and Dora R.
- 15 Petterson Ruggles Vance; William H. and Olive.
- 17 Shirley Winifred Howe; Edward C. and Josephine.
- 19 ——— Byron; Edward J. and Mark.
- 24 Constance Alice Bayer; James and Helen E.
- 26 Robert George Misener; Leslie H. and Marjorie P.
- 27 Lorraine Lena Ricciardelli; Ettore and Mary.
- 27 Laura Rae Pippo; Anthony C. and Mary
- 27 Ann Hathaway Peirce; William H. H. and Nellie C.
- 29 Thomas Irwin Jensen; William and Constance.

Oct.

- 2 Edward Clark Felton, Jr., Edward C. and Caroline M.
- 6 Andrew Michael Savignano; Angelo and Antoinette.
- 6 Patricia Anne O'Neill; Robert A. and Marion.
- 8 Robert Victor Newcomb; Stanley A. and Gladys.
- 8 Carolyn Grace Kilmer; Clifford W. and Grace L.
- 13 Edwin Wilbur Tupper; Oscar W. and Ida M.
- 14 Eleanor Hazel Cranton; Robert and Mary.
- 15 Frank Gorse Smith; Harold A. and Florence.
- 17 Margaret Anne McCormick; George C. and Kathleen.
- 18 Gloria Fern Ramey; Lester K. and Hilda.
- 18 Laura Jane Gilbert; Henry R. and Julia G.
- 18 Mikahil Hekimian; Neshan and Alice.
- 21 Anna Louise McElroy; Frank and Sophia.
- 23 Jean Marion Parker; Carl R. and Margaret.
- 24 Thelma Frances Ricciardelli; Tersilio and Elena.

Nov.

- 4 Lena Raphaelina Cefalo; Joseph and Lena.
- 5 Francis Manning; Martin J. and Mary.
- 14 Dorothy Russell; Frank H. and Hazel.
- 19 Barbara Louise Waugh; James L. and Greta A.
- 21 Shirley Mae Dodge; Harry D. and Mabel E.
- 21 William Edward Howe; Albert and Katherine.
- 23 Albert DeLignori Duhaime, Jr.; Albert DeL. and Olga.
- 24 John Nicholas Brion; John N. and Pauline.
- 25 Daniel Paul Falvey, Jr.; Daniel P. and Ethel.
- 26 Eugene Francis Bradley; Raymond M. and Ester.
- 27 Jean Ann McAdam; Harold V. and Ella.
- 27 Annie Viola Grasso; Frank and Grace B.
- 27 Margaret Marie Praetsch; Robert B. and Margaret.
- 28 Elizabeth Enright; Thomas J. and Catherine M.
- 29 John Patrick Cameron; James T. and Eleanor.

Dec.

- 7 James Arthur Harkins; James C. and Sadie R.
- 9 Evelyn Marie Allen; John P. and Annie E.
- 10 John Rovinsky, Jr.; John and Josephine.
- 12 Catherine Annie Clancy; John J. and Bertha V.
- 12 Roberta Grace Clancy; John J. and Bertha V..
- 19 Stillborn.
- 19 Grace Marie Pierce; Harold N. and Inez E.
- 21 Francis Reed Austin; William M. and Marjory L.
- 26 Adelaide Ann Wilson; William T. and Margaret T.
- 26 Nancy Dolores DeDoming; Harold and Nancy N.
- 28 Martha Nesbit Ramsay; Merrill F. and Edna L.
- 29 Edward David Yurek; Walter and Stella.
- 30 Rudolph Frank Gerlach; Carl C. and Ethel J.
- 31 Alan Howard Godfrey; Frank E. and Gertrude F.

NOTICE

The attention of parents is called to the law relating to the registering of Births. The present requirements are as follows:

Chap. 29, Sec. 6, of the Revised Laws. Parents within forty days after the birth of a child . . . shall cause notice thereof to be given to the clerk of the town or city in which such child is born.

Sec. 8. A parent . . . who neglects so to do for ten days after the time limited therefor, . . . shall forfeit not more than five dollars for each offense.

Attention of Physicians and Midwives is Called to
Chapter 280, Sec. 1, Acts of 1912

Section 1. Physicians and midwives shall, within forty-eight hours after the birth of every child in cases of which they were in charge, mail or deliver to the clerk or registrar of the city or town in which the birth occurred, a notice stating the date and place of the birth, giving the street number, if any, the number of the ward in a city and the family name. Failure to mail or deliver the said notice shall be punished by a fine not exceeding twenty-five dollars for each offense.

In accordance with the provisions of the law, the Town Clerk is prepared to furnish to parents, physicians and midwives applying therefor, blanks for return of births as required by law.

MARRIAGES, 1929

Jan.

- 5 Gilbert Joseph Manley, Waltham, Mass.; Alice Oressa, Bleakney, Needham; at Waltham, Mass., by Richard Steele, Justice of the Peace.
- 15 George Francis Hutchins, Needham; Catherine Frances Langevin, Needham; at Needham, by Rev. Hugh M. Smith.
- 26 James Arthur Bayer, Needham; Helen Elizabeth Fisher, Wellesley, Mass; at Port Chester, N. Y., by Rev. Charles Schweikert.
- 26 Chester Guild McCulloch, Needham; Evelyn Ellen Conley, Needham; at Port Chester, N. Y., by Rev. Charles Schweikert.
- 26 Earl Joseph McCulloch, Needham; Marjorie Virginia Greenwood, Newton, Mass.; at Port Chester, N. Y., by Rev. Charles Schweikert.
- 27 John Archibald Wagstaff, Wellesley, Mass.; Mary A. Locke, Wellesley, Mass.; at Needham, by Rev. Richard G. Preston.
- 31 Patrick Tocci, Needham; Josephine Mary Lupo, Newton, Mass.; at Newton Mass., by Rev. Lawrence W. Slattery.

Feb.

- 3 Patrick Joseph Hunt, Boston, Mass.; Katherine Mary Connolly, Needham; at Needham, by Rev. Hugh M. Smith.
- 4 Sumner David Matthes, Needham; Alice Mary Mack, Lowell, Mass.; at Lowell, Mass., by Rev. Joseph McCarthy.

Feb.

- 12 Max Rudolph Pfeifer, Needham; Lillian Irma Gabriel, Melrose, Mass.; at Boston, Mass., by Rev. Frederick C. Wurl.
- 27 Edward Ernest Kinsman, Waltham Mass.; Elizabeth Mary Clancy, Needham; at Needham, by Rev. John Mason.

Mar.

- 23 Harold Samuel Wallis, Needham; Josephine Agnes Pigaga, Needham; at Needham, by Rev. John Mason.
- 27 George Alfred Holmes, Nova Scotia; Lillian May Morash, Nova Scotia; at Needham, by Rev. G. B. Macdonald.
- 31 Raymond Lawrence Gehling, Needham; Anna Theresa Beecher, Newton, Mass.; at Newton, Mass., by Rev. Timothy A. Curtin.
- 31 William Clifford Palmer, Needham; May Louise Washington, Newton, Mass.; at Needham, by Rev. Richard G. Preston.

April

- 1 Harry Delbert Dodge, Needham; Mabel Elizabeth Eames, Worcester, Mass.; at Worcester, Mass., by Rev. Robert J. Plumb.
- 9 James Ellis Tisdale, Needham; Evelyn Rogers, Reading, Mass.; at Needham, by Rev. Harry W. Kimball.
- 17 Nelson Gavel, Needham; Helen Breen, Needham; at Boston Mass., by Ivory F. Frisbee, Justice of the Peace.
- 18 Virgil Ara Rowe, Needham; Irene Maud Rogers, Needham; at Needham, by Rev. John Mason.
- 19 Howard Winthrop Kinports, Needham; Mildred Evelyn Headley, Winthrop, Mass., at Boston, Mass., by Rev. Stanley G. Spear.
- 20 Charles Anthony Cimino, Needham; Amelia Pignatelli, Needham; at Needham, by Rev. Hugh M. Smith.
- 20 William Ansel Cassidy, Needham; Beatrice Shepperson, Needham; at Needham, by Rev. G. B. Macdonald.
- 22 David Henry Finnigan, Needham; Agnes Bernadette Coughlin, Needham; at Needham, by Rev. Hugh M. Smith.
- 24 James Joseph Quirk, Boston, Mass.; Jane Angela Mahoney, Needham; at Needham, by Rev. Hugh M. Smith.
- 27 John Walter McKinnon, Needham; Martha Geraldine Gouthro, Needham; at Newton, Mass., by Rev. Richard S. Burke.

May

- 12 George Eben Garland, Needham; Annie May Black, Needham; at Needham, by Rev. Hugh M. Smith.
- 13 Lorne Allen McIntosh, Boston, Mass.; Beatrice Norma Adair, Boston, Mass.; at Needham, by Rev. Harry W. Kimball.
- 16 Frederick Hale Hodgman, Jr., Needham; Bernice Fremont Cochran, Boston, Mass.; at Cambridge, Mass. by Rev. Newton Black.
- 18 Frederick Allen Jeffery, Jr., Needham; Willia Laurelle Cassidy, Needham; at Needham, by Rev. G. B. Macdonald.
- 18 Howell Sigourney, Gilbert, Newton, Mass.; Virginia Violet Czarnecki, Hamtrank, Mich.; at Needham, by Rev. Harry W. Kimball.
- 24 Joseph Harold Chupta, Waltham, Mass.; Grace Comfort Williams, Needham; at Concord, Mass., by Rev. Frederick B. Richards.

June

- 1 Gordon Walker Herdman, Needham; Florence Elizabeth Watson, Newton, Mass.; at Newton, Mass., by Rev. Edward M. Noyes.
- 2 Tony Criny, Needham; Antoinette Zekswiczki, Boston, Mass.; at Maynard, Mass., by Rev. S. Bazilevich.
- 4 Carl Roland Wallis, Needham; Alice Amanda Pehrson, Needham; at Needham, by Rev. David M. Angell.
- 8 Charles Whitfield Bleakney, Needham; Natalie Martha Ouellet, Natick, Mass.; at Newton, Mass., by Frank M. Grant, Justice of the Peace.
- 8 John Avery Billings, Newton Mass.; Josephine Ellen Weston, Needham; at Boston, Mass., by Rev. A. Z. Conrad.
- 9 Ernest A. Brown, Boston, Mass.; Helen C. Earley, Boston, Mass.; at Needham, by Winthrop M. Southworth, Justice of the Peace.
- 9 Daniel Paul Falvey, Somerville, Mass.; Ethel Lane, Needham; at Needham, by Rev. Hugh M. Smith.
- 10 Clifton, Edgar Mellsop, Pittsburg, Pa.; Emma Adeline Dallachie, Needham; at Needham, by Rev. Harry W. Kimball.
- 15 Ralph Melvern Bowers, Needham; Anne Elizabeth McMahon, Needham; at Needham, by Rev. George B. Macdonald.
- 19 Albert Henry Clark, Needham; Emily Catherine Soelle, Boston, Mass.; at Boston, Mass.; by Rev. Clarence W. Dunham.

June

- 22 Lawrence Anthony Morrison, Newton, Mass.; Alberta Hill Slaney, Needham; at Needham, by Rev. Richard G. Preston.
- 28 Bradford Sumner Skelton, Cambridge, Mass.; Florence Isabel Cameron, Needham; at Needham, by Rev. Charles H. Washburn.
- 29 Julius Thomas Kashalena, Needham; Helen Veronica McHugh, Boston, Mass.; at Boston, Mass., by Rev. Martin S. Curran.
- 29 Carmino Sammarco, Needham; Lucy Dorothy Tocci, Needham; at Newton, Mass., by Rev. Dennis H. Donovan.
- 29 Marcellus Noyes Brown, Oyster Bay, N. Y.; Madeline Elizabeth Dik, Needham; at Needham, by Rev. George B. Macdonald.

July

- 3 Thomas William Connors, Needham; Nettie Alwilde Brigham, Needham; at Needham, by Rev. Hugh M. Smith.
- 13 Carleton Doty Morse, Newton, Mass.; Doris Mabel Cox, Boston, Mass., at Needham, by Rev. Edward T. Sullivan.
- 19 William Chaple Coulton, Needham; Gertrude Emma Bell, Needham; at Needham, by Rev. Mason W. Sharp.
- 20 Donald James Finch, Needham; Alice Alethia Young, Worcester, Mass.; at Chicopee, Mass., by Rev. William Gunter.
- 20 John Francis Moran, New Haven, Conn.; Julia Petronilla O'Neil, Needham; at Needham, by Rev. Hugh M. Smith.
- 27 Emile Placid Palmer, Needham; Mary Margaret Furie, Needham; at Needham, by Rev. Hugh M. Smith.
- 27 George Solomon Matthes, Needham; Grace Iola Johnson, Needham; at Needham, by Rev. Hugh M. Smith.
- 30 Louis Lambert, Wellesley, Mass.; Elizabeth Shtaway, Needham; at Needham, by Clarence E. Foss, Justice of the Peace.

Aug.

- 3 Percy Allen White, Needham; Florence Townshend, Needham; at Belmont, Mass., by Rev. Charles H. Watson.
- 3 Frank Gilbert Levangie, Dedham, Mass.; Blanche Elizabeth Knowles, Needham; at Dedham, Mass., by Rev. George P. O'Conor.
- 4 Leslie Fitch Knickerbocker, Needham; Cecilia Marie McKinnon, Needham; at Needham, by Rev. Hugh M. Smith.

Aug.

- 5 Raymond Lawrence Butler, Needham; Inez Kathryn McAfee, Somerville, Mass.; at Somerville, Mass., by Rev. Thomas M. Tobey.
- 10 Edward Elmer Mott, New York City; Lillian May Roberts, Needham; at Needham, by Rev. Otis W. Foye.
- 14 Herman C. Faust, Needham; Helen M. Reed, Lowell, Mass.; at Manchester, N. H., by Rev. Harry C. Martin.
- 10 George Herbert Ferran, Needham; Violet Edith Bedley, Needham; at Needham, by Rev. Richard G. Preston.
- 17 Ernest Joseph Binns, Natick, Mass.; Catherine McCaffrey, Needham; at Needham, by Rev. Hugh M. Smith.
- 17 Donald Webb Richardson, Needham; Rae Edith White, South Hanson, Mass.; at Hanson, Mass., by Rev. William B. Ayers.
- 18 William Henry Marriott, Needham; Florence Weir, Newton, Mass.; at Newton, Mass., by Rev. Harry W. Kimball.
- 22 William Joseph Gilfoil, Needham; Lora Putnam Garland; Needham; at Needham, by Rev. Hugh M. Smith.
- 22 Walter Chester Yurick, Needham; Stella Olbris, Needham; at Boston, Mass., by Rev. Ladislaus A. Sikora.
- 24 Ralph Edward Keith, Needham; Lina Muriel Burke, Needham, at Needham, by Rev. George B. Macdonald.
- 31 William John Walker, Needham; Mabel Loretta Hoag, Needham; at Needham, by Rev. George B. Macdonald.
- 31 Harvey Hollis Smith, Worcester, Mass., Ruth Louisa Foskett, Needham; at Woodstock, Conn., by Rev. Henry D. Baker.

Sept.

- 5 Joseph D. Pearson, Boston, Mass.; Alice L. Foster, Boston; at Needham, by Rev. Edwin H. Byington.
- 7 Walter Napoleon Ross, Milton, Mass.; Lillian Elizabeth Cloran, Needham; at Needham, by Rev. Richard G. Preston.
- 7 Wendell Ellis Hasenfus, Needham; Mary Florence Brown, Boston, Mass.; at Boston, Mass., by Rev. Edward I. O'Brien.
- 9 Bradford Heartz Lewis, Boston, Mass.; Mildred Reba Drowns, Needham; at Boston, Mass., by Rev. Everett L. Farnsworth.
- 14 Robert Emerson Lamb Johnson, Moylan, Pa.; Mary Livingston Marshall, Needham; at Needham, by Rev. Laurens MacLure.
- 19 Joseph Franklin Goforth, LaMesa, Cal.; Marguerita Morse, LaMesa, Cal.; at Needham, by Rev. James G. Lane.

Sept.

- 21 Vernal Ellis Kezer, Needham; Jessica Goodrich Watkins, Gardner, Mass.; at Gardner, Mass., by Rev. Edward P. Drew.
- 27 Carleton Brown Kimball, Salisbury, Mass.; Gertrude Elizabeth Morton, Needham; at Newton, Mass., by Rev. G. Vaughn Shedd.

Oct.

- 2 Henry Siggins Leonard, Newton, Mass.; Priscilla Lermond Packard, Needham, Mass.; at Brookline, Mass., by Rev. Abbott Peterson.
- 5 Roy Clifford Coleman, Norwood, Mass.; Mildred Elizabeth Lambert, Needham; at Needham, by Rev. George B. Macdonald.
- 5 Norman Augustus Russell, Wellesley, Mass.; Frances Chadwick Childs, Needham; at Wellesley, Mass., by Rev. Stanley Ross Fisher.
- 6 William Herbert Davis, Dedham, Mass.; Helen Irene Gray, Dedham, Mass.; at Needham, by Winthrop M. Southworth, Justice of the Peace.
- 8 Daniel Philip Keefe, Needham; Mildred Anna Melia, Dover, Mass.; at Needham, by Winthrop M. Southworth, Justice of the Peace.
- 11 Norman Lennox Queen, Needham; Winifred Robb, Needham; at Needham, by Rev. Mason W. Sharp.
- 12 Howard Garfield Buell, Needham; Pearl Noseworthy, Saugus, Mass.; at Saugus, Mass., by Rev. Marcus H. Carroll.
- 15 Warren Milton McLeod, Needham; Enid Elizabeth McClare, Needham; at Needham, by Rev. George B. Macdonald.
- 15 Kenneth Smith Herdman, Needham; Kate Chalmers Murdoch, Needham; at Needham, by Rev. Harry W. Kimball.
- 16 Harry Rodman, Chelsea, Mass.; Tilley Rosenblat, Needham; at Brookline, Mass., by Rabbi Philip A. Langh.
- 16 Charles Ross Homans, Waltham, Mass.; Agnes Upham McLeod, Needham; at Waltham, Mass. by Rev. Thomas R. Burns.
- 20 Walter John Kelley, Boston, Mass.; Dene Rowe, Needham; at Needham, by Rev. Hugh M. Smith.
- 22 James Arthur Wilson, U. S. Navy; Clara Veronica Plunkett, Needham; at Needham, by Rev. Hugh M. Smith.

Oct.

- 26 Frank Woodland Shaw, Waltham, Mass.; Marie Catherine Donnellan, Waltham, Mass.; at Needham, by Rev. George B. Macdonald.
- 27 John Zavrid, Needham; Helen Bakula, Needham; at Boston, Mass., by Rev. Ladislaus A. Sikora.

Nov.

- 2 Elmer Francis Stone, Boston, Mass.; Catherine Christina Sullivan, Needham; at Needham, by Rev. Hugh M. Smith.
- 2 Harvey John Allen, Needham; Mary Louise Carver, Needham; at Malden, Mass., by Rev. Eugene M. Pierce.
- 2 Clifford Knowlton Channell, Needham; Marie Elizabeth Toschi, Boston, Mass.; at Boston, Mass., by Rev. Bradford H. Burnham.
- 14 George Stephen Bertsch, Needham; Minnie Eliza Christie, Framingham, Mass.; at Needham, by Rev. Hugh M. Smith.
- 20 Frank Waldo Meads, Needham; Cora Crosby, Chatham, Mass.; at Boston, Mass., by Rev. Abbot Peterson.
- 21 Hubert Henry Barlow, Jr., Waltham, Mass.; Lucy Lorinda Wainwright, Needham; at Needham, by Rev. Mason W. Sharp.
- 25 William Edward Brahan, Hoosic Falls, N. Y.; Gladys Mary Grimes, Needham; at Needham, by Rev. Hugh M. Smith.
- 26 William Addison Spear, Bellingham, Mass.; Carrie May Scamman, Milford, Mass.; at Needham, by Rev. Harry W. Kimball.
- 28 Thomas Leo Flaherty, Needham; Ellen Kathleen Carr, Framingham, Mass.; at Framingham, Mass., by Rev. Sylvio W. Barrette.
- 29 John George Kirchdorfer, Needham; Mary Elizabeth Dennis, Needham; at Needham, by Clarence E. Foss, Justice of the Peace.

Dec.

- 1 Peter Raymond DeWolfe, Newton, Mass.; Sophie Lucy Cylinski, Needham; at Needham, by Rev. Hugh M. Smith.
- 10 F. Murray Forbes, Jr., Needham; Elizabeth Stimson Livermore, Boston, Mass.; at Boston, Mass., by Rev. Endicott Peabody.
- 18 Dominick Ferrara, Needham; Julia Cefalo, Needham; at Needham, by Rev. Hugh M. Smith.

Number of marriages registered	105
Bride and groom both native born	68
Bride and groom both foreign born	9
Native groom, foreign bride	15
Foreign groom, native bride	13
Groom and bride residents	32
Groom resident	29
Bride resident	33
Both non-resident	11

NOTICE

Persons who intend to be joined in marriage in this Commonwealth shall, not less than five days before their marriage, cause notice of their intention to be entered in the office of the clerk of registrars of the city or town in which they respectively dwell, or if they do not dwell within the Commonwealth, in the office of the clerk or registrar of the city or town in which they propose to have the marriage solemnized.

Chapter 151, Section 29, Revised Laws

If a marriage is solemnized in another state between parties living in this Commonwealth, who return to dwell here, they shall within seven days after their return, file with the clerk or registrar of the city or town in which either of them lived at the time of their marriage, a certificate or declaration of their marriage, including the facts relative to marriage, which are required by law, and for neglect thereof shall forfeit ten dollars.

DEATHS REGISTERED IN 1929

Date	Name of Deceased	Age Y. M. D.	Place of Birth	Place of Burial	Cause of Death
Jan. 1	Agnes Wildman	87 4 29	England	Needham	Heart Disease
8	Anna Javrid	33 4	Russia	Needham	Hemorrhage
16	Elizabeth Flanagan	77	Ireland	Boston, Mass.	Bronchitis
17	Elizabeth Kevorkian	1 6	Providence, R. I.	Needham	Pneumonia
19	Martha I. Lane	49	Kingfield, Maine	Needham	Pneumonia
21	Helen G. Murphy	1 7 13	Newton, Mass.	Needham	Convulsions
23	George Holt	76 2 6	England	Needham	Bright's Disease
27	Henry Beiermeister	69 9 21	Williamsburg, N. Y.	Newton, Mass.	Carcinoma
28	Martha Wright	83 10 16	Charlton, Mass.	Needham, Mass.	Arteriosclerosis
29	Pietro Terrazini	46	Italy	Needham	Gunshot wounds
31	William A. Norwood	38 10	Spencer, Mass.	Spencer, Mass.	Automobile Accident
31	Sybil Morss	41 6	Augusta, Maine	Augusta, Maine	Pneumonia
31	William J. Stephenson	1 9 3	Needham	Brookline, Mass.	Peritonitis
Feb. 2	Mabel F. Woodruff	39 1 17	Cambridge, Mass.	Cambridge, Mass.	Influenza
5	Beatrice Nelson	43 11 27	Halifax, N. S.	Boston, Mass.	Carcinoma
8	Rachel M. Pierce	86 1 14	Newton, Mass.	Needham	Myocarditis
10	John J. Morgan	95 2	Bow, N. H.	Concord, N. H.	Old Age
16	Martha Dennis	73 8 13	Lincoln, Mass.	Concord, Mass.	Pneumonia
17	Thomas Mansfield	74 10	England	Needham	Myocarditis
17	Charles S. Johnson	73 5 24	Syracuse, N. Y.	Boston, Mass.	Heart Disease
17	Stephen Davison	78 3 26	England	Needham	Carcinoma
17	Charles H. Sutton	68 1 20	Boston, Mass.	Needham	Heart Disease
18	Irene A. Kelly	26	Norwood, Mass.	Needham	Heart Disease
19	Katharine Rand	26 4 28	Pawtuxet, R. I.	Norwood, Mass.	Heart Disease
24	Flora M. Barnes	57 4 6	Troydon, N. Y.	Portsmouth, N. H.	Tuberculosis
26	George W. Rigler	75 2 11	Suffield, Conn.	Newport, N. H.	Cancer
27	John Lawson	76 8 28	Scotland	Needham	Arteriosclerosis
				Wellesley, Mass.	Heart Disease

27	Lawrence W. Chilson	3	Needham	Needham	Hydrocephalus
17	Riella J. Dunn	69 9 2	Snowville, Va.	Needham	Myocarditis
26	James T. Mulholland	26 9 1	Scotland	Needham	Pneumonia
Mar.					
1	Mary Armstrong	85 2 14	England	Needham	Heart Disease
17	Edward M. Talbot	50 5 16	Newton, Mass.	Watertown, Mass.	Chronic Enteritis
29	Ernest F. Bezanson	65 2 7	Nova Scotia	Boxboro, Mass.	Apoplexy
April					
1	Mary Fiorentino	3 11	Needham	Needham	Pneumonia
1	Mary Foley	6 2 3	Eastport, Maine	Needham	Pneumonia
2	Edmund H. Garrett	75 5 14	Albany, N. Y.	Boston, Mass.	Myocarditis
3	Herbert W. Woods	19 4 19	Somerville, Mass.	Needham, Mass.	Septic Throat
5	Anna E. Kinney	82 3 25	Stafford, Conn.	Stafford, Conn.	Heart Disease
7	Baby Johnson	12 hrs.	Needham	Boston	Heart Disease
8	Stillborn				
13	Dorothy L. Bleakney	14 10	Needham	Needham	Chronic Endocarditis
14	Stillborn				
16	Wendell Hasenfus	81 7 13	Boston, Mass.	Boston, Mass.	Bright's Disease
16	James Ford	72	Needham	Needham	Carcinoma
16	Thomas H. Tighe	74 9 29	Boston, Mass.	Boston, Mass.	Myocarditis
17	Eva C. Meloan	68 10 1	Georgetown, Ill.	Portsmouth, N. H.	Myocarditis
24	Herbert B. Church	71 11 20	Rochester, N. Y.	Boston, Mass.	Carcinoma
May					
6	Edna M. Brooks	21 5 27	Needham	Needham	Uremia
13	Mary E. Jones	49 8 6	Needham	Needham	Septicemia
23	Mary A. Buchanan	54 3 15	Oxford, N. S.	Needham	Endocarditis
25	Thomas M. Spelman	50 1 14	Newton, Mass.	Waltham, Mass.	Cancer
26	Christina J. Chamberlain	49 11 9	Dedham, Mass.	Needham, Mass.	Meningitis
26	Aurelia D. Valcour	71 4 7	St. Laboire, Canada	Malden, Mass.	Pneumonia
June					
9	Annie R. Davis	71 3	Boston, Mass.	Needham	Heart Disease
11	Allison O. Bailey	6 23	Natick, Mass.	Needham	Convulsions
12	Mary E. Greenleaf	61 9 30	Ellenville, N. Y.	Wellesley, Mass.	Arteriosclerosis

DEATHS REGISTERED IN 1929

Date	Name of Deceased	Age Y. M. D.	Place of Birth	Place of Burial	Cause of Death
June					
14	Elizabeth A. Hayes	65 7 2	Montreal, Quebec	Boston, Mass.	Tuberculosis
25	Lorraine J. Gifford	37 9 20	Wisconsin	Boston, Mass.	Pneumonia
29	Clara A. Boothby	88 5 3	Livermore, Me.	E. Livermore, Me.	Myocarditis
July					
8	Elizabeth H. Locke	81 10	England	Needham	Carcinoma
9	Thomas V. Coyle	61 7 2	Boston, Mass.	Needham	Apoplexy
16	Norman MacKenzie	71 2 4	P. E. I.	Needham	Cerebral Tumor
18	Theresa Kingsbury	56 22	Roxbury, Mass.	Needham	Erisipelas of Face
19	Frederick W. Brittain	71 5 9	England	Needham	Carcinoma
29	Andrew N. Wyeth	76 5	Cambridge, Mass.	Needham	Angina Pectoris
Aug.					
6	James L. Richardson	76	Augusta, Georgia	Needham	Heart Disease
13	Janet G. Bowler	66 5 30	England	Belmont, Mass.	Dilatation of Heart
18	Patrick J. Mahoney	51 5 30	Cork, Ireland	Waltham, Mass.	Accidental Drowning
21	Thomas Lowe	47 6 28	England	Needham	Suicide
23	Albert M. Harlow	39 1 4	Providence, R. I.	Chepachet, R. I.	Hemorrhage
28	Rene Jacques	56 6 6	Quebec, Canada	Needham	Myocarditis
30	Elfrieda J. Heinz	28 10 7	Boston, Mass.	Boston, Mass.	Heart Disease
31	Denys Zirngibel	75 6 9	Switzerland	Needham	Heart Disease
Sept.					
6	Baby Lingley	10 hrs.	Needham	Needham	Prematurity
8	Frank Nerini	38	Italy	Boston, Mass.	Accident
25	Catherine Scotton	78 8 15	England	Needham	Heart Disease
26	Wendell M. Shippee	22 6 14	Coventry, Vt.	Coventry, Vt.	Electrical Accident
28	Mary E. Abbott	51 4 6	Fall River, Mass.	Cohasset, Mass.	Locomotor Ataxia
Oct.					
1	Eva H. Colby	74 10 20	Lowell, Mass.	Haverhill, Mass.	Pneumonia
1	Lillian S. Sammarco	6 8 16	Newton, Mass.	Needham	Natural Causes

6	Francis DeDoming	5	1	19	Needham	Needham	Sarcoma
6	Walter M. Chase	56	11		Rochester, N. H.	Kingston, N. H.	Hemorrhage
7	Arthur J. Littlehale	69	10	23	Brighton, Mass.	Needham	Angina Pectoris
9	Gunhilde M. Andersen	52			Norway	Needham	Cancer
15	Carlton A. Perry	53	4	18	Milford, Mass.	N. Wayland, Mass.	Nephritis
16	—Cranston			2	Boston, Mass.	Weston, Mass.	Pneumonia
20	Florance J. Crowley	42			Newton, Mass.	Needham	Automobile Accident
25	John J. McAdam	67	1	15	Cape Breton, N. S.	Needham	Cerebral Hemorrhage
29	Eunice W. Davis	84	7	1	Cheslea, Mass.	W. Gloucester, Mass	Carcinoma
Nov.							
1	George C. MacKay	62	7	22	P. E. I.	Bedeque, P. E. I.	Cancer
6	Mary G. Fosnot	21	7	29	Philadelphia, Pa.	Lewistown, Pa.	Automobile Accident
13	Selina T. Dring	93	8	19	England	Needham	Carcinoma
16	Fred A. Norcross	58	3	5	Boston, Mass.	Boston, Mass.	Angina Pectoris
17	Harry Cahill	57	5	13	P. E. I.	Needham	Shock following accd. fall
18	Alexander Anderson	30	5	4	Scotland	Needham	Phthisis
19	Mabel E. Bemis	54	6	15	Vermont	Boston	Cancer
21	Clarence M. McLeod	64			Nova Scotia	Boston, Mass.	Arteriosclerosis
23	Richard C. Harris	66			Ireland	No. Grafton, Mass.	Arteriosclerosis
25	Jemima P. Brittain	64	4	21	Scotland	Needham	Apoplexy
25	William F. Ryan	76			Wellesley, Mass.	Needham	Pneumonia
Dec.							
1	Gilford Appleby	10	2	21	New Brunswick	Needham	Accidental Drowning
1	William P. Crowley	56			Needham	Needham	Myocarditis
6	Annie G. Fitzgerald	80	3	22	P. E. I.	Needham	Heart Disease
16	Sarah A. H. Sims	84	9	11	Nova Scotia	Winthrop, Mass.	Endocarditis
17	Mabel W. Day	44	4	21	Boston, Mass.	Needham	Cancer
19	Stillborn						
19	Imogene R. D. White	79	3	23	Vermont	Needham	Myocarditis
20	Moses Downer	51	9	2	England	Needham	Myocarditis
21	Robert B. Walker	73	11	11	Boston, Mass.	Needham	Endocarditis
27	Annie W. Jacobs	63	3	19	North Carolina	Cambridge, Mass.	Heart Disease
31	Margreth E. Hemming	78	1	29	New York, N. Y.	Boston, Mass.	Heart Disease
31	Alexander Nesterovich	33			Poland	Needham	Automobile Accident

DEATHS

Number of deaths registered in 1929 (exclusive of still-born).

Number of males	55
Number of females	54
Number of native born	70
Number of foreign born	39

Stillborn	3
Under one year	6
Between one and five years	3
Between five and ten years	3
Between ten and fifteen years	1
Between fifteen and twenty years	2
Between twenty and thirty years	7
Between thirty and forty years	8
Between forty and fifty years	9
Between fifty and sixty years	17
Between sixty and seventy years	13
Between seventy and eighty years	27
Between eighty and ninety years	11
Over ninety years	2

CLARENCE E. FOSS,
Town Clerk.

TOWN OF NEEDHAM
ANNUAL REPORT
OF THE
BOARD OF SELECTMEN
FOR THE YEAR 1929



NEWTON
GARDEN CITY PRESS, INC.
1930

REPORT OF BOARD OF SELECTMEN

To the Voters of the Town of Needham:

The following is submitted as the two hundred and seventeenth Annual Report of the Board of Selectmen:

Organization

SAMUEL D. LOW, *Chairman*

WILLIAM P. BROWN, *Secretary*

ALLSTON R. BOWERS

DOROTHY F. ELDRIDGE, *Clerk to the Board*

FRANCIS J. STANWOOD, *Agent*

Insurance, Distribution of State Aid, Military Aid and Soldiers' Relief

FREDERICK I. KINGSBURY, *Agent*

Care of Graves of Soldiers and Sailors of the U. S. Army and Navy

Town Hall and Grounds

The Assembly Hall, balcony and all rooms adjacent to the Assembly Hall were painted and floors finished and oiled. The corridor was covered with linoleum as planned for in budget.

The heating and plumbing system in the present building has been in very uncertain condition for a long period and requires a great deal of repairing, renewing of pipes and valves from year to year. This work was taken care of as time required same.

This coming year there are needs for extensive repairs on the boilers, which seem to have shifted their position.

The outside of the Town Hall needs painting, as the woodwork is in very poor condition, and if not taken care of will deteriorate rapidly.

The Selectmen's office this coming year should have a linoleum or rubber tile floor and the furniture refinished, to make it presentable for meetings and hearings.

There are other minor expenses which have to be taken care of from time to time and also new office equipment, such as files and desks, to be purchased when the Board feels the same are necessary.

The necessity for extra office room is becoming very urgent but the Board finds no space available for the same, and serious consideration should be given to the enlargement of the Town Hall to take care of these offices.

It is hoped that the appropriation will be the same or perhaps a trifle larger than last year to cover the necessary repairs which should be made.

Highways

The Board petitioned the County Commissioners last year to relocate Greendale Avenue, and with the assistance of the County and the State, commenced the building of this project under Chapter 90 of the State Laws, the Town paying 50% and the County and State 25% each. There was a long delay in the starting of this work after several hearings with the Department of Public Works, due to the State not having set aside an amount in their Highway budget to cover this project.

The Board has petitioned the County Commissioners to relocate South Street and the Commissioners have awarded damages on this street and this will probably be widened and rebuilt this year.

The following streets were constructed under the Betterment Act: Lawton Road, Harris Avenue, Powers Street, Parkinson Street and Otis Street.

Several hundred yards of old rails have been removed and roads resurfaced on Great Plain Avenue, Central Avenue and Webster Street, and it is hoped that this year other sections of rail which are becoming perilous to traffic will be removed.

New signal lights have been installed at the grade crossing at Charles River Station. This street has been widened to the original layout through co-operation with the N. Y., N. H. & H. R.R. Company and the banks have been excavated so as to give clearer vision down the railroad tracks, which should relieve the dangerous conditions there.

Mr. Overton, Superintendent of Streets, was able to put through a good deal with the Buffalo Springfield Company for the rental of a roller for the past year. He was able to hire this roller for \$1,200 which was at least 50% lower than same could be hired from any individual contractor. The Town is in need of an additional roller and it was the intention of the Board when this was done, that this \$1,200 should be deducted from the price of a new roller, which the Board recommends buying this year, the same guarantee holding good on the roller after one year's use, as the original guarantee would be on a new roller.

The purchase of the new Mack Truck has proved very

economical on account of its efficiency for either work on building roads or removal of snow.

The Board has asked the Town to consider the same appropriation for this year as last, on Greendale Avenue, and to carry over the unexpended balance of last year, because of cold weather setting in before the work could be completed.

The Board strongly recommends building Greendale Avenue from Highland Avenue to the point where we commenced last year. (Under Chapter 90); finish Webster Street from where we started last year to Highland Avenue; complete the work at the Charles River Crossing; construct Needham Square; and remove car tracks on Webster Street and Central Avenue.

Drainage

The drainage system in the Town is becoming very serious and this should be taken care of from year to year without further delay.

All drains which have been constructed this year have been given very close study and large enough pipes have been installed to take care of any future area that could be drained into these pipes.

The drain on West Street at Needham Heights was started this year and carried from the brook at the foot of West Street Hill to approximately 1,000 feet up West Street, where it was stopped due to lack of appropriation.

It is intended to carry this drain this year into Needham Heights Square and along Highland Avenue, north and south, to relieve the very serious condition which exists there at the present time.

The same may be said of the situation in connection with the drainage through the section of Sargent and Ellicott Streets and the areas adjoining the same, and this will be taken care of this year as planned by the Board.

It is hoped to have an appropriation large enough to continue the drainage program wherever conditions warrant.

Engineering Department

The Engineering Department has been very efficient this year in the laying out and establishing of lines and grades to the residents of the Town when requested.

The amount of money spent this year has been nearly triple that spent in 1924 or 1925, but when the actual costs have been levied against the Departments to which they should be charged, it will be found that less money has been spent for Engineering than in the year 1924, which should be a credit to the Engineering Department.

This year it is recommended that a larger amount be

appropriated for this Department, but feel with proper adjustment of the costs that the Town will not pay but very little more than last year for Engineering services.

Sidewalks

Granolithic sidewalks were laid on Stevens Road, Pine-wood Road, Warren Street, and Highland Avenue. Considerable patching was done about the Town where the need seemed most urgent.

It is recommended that double the appropriation of last year be asked for granolithic walks, as a new walk should be continued along Great Plain Avenue towards Birds Hill Station, for the accommodation of those in the Needhamdale Section.

Gravel sidewalks were constructed on Great Plain Avenue, Central Avenue, Webster Street, West Street, Hunnewell Street and Hillside Avenue. Granite curbs were laid on certain corners where required.

There are several places in the Town which are dangerous and with sufficient appropriation set aside this work may be carried on.

Bridges

Due to emergency conditions this year, the Towns of Needham and Newton were forced to rebuild Kendrick Street Bridge and a portion of the Bridge on Central Avenue at the Newton line.

No decision has been made on the Newell Bridge, which is the terminus of South Street in Needham and Willow Street in Dover, but we expect this project to be put through either this year or in the very near future at a cost of \$21,000.

Street Lighting

The Board recommends installing this year approximately sixty small lights in different sections of the Town where the conditions warrant same, also the placing of thirty new lights of 500 to 1000 candle power, according to conditions and locations of same. It is also recommended that large lights be installed on Harris Avenue and Webster Street as this street is to be rebuilt this year.

Lights requested for last year at Town Meetings were all installed. New 1000 watt lights were placed at Highland Avenue near the Newton line, and one in front of the Carter School as requested by the School Department.

Police Department

Considerable thought has been given the Police Signalling System, but realizing that the Town is to have a new Fire

and Police Station this matter has been deferred until the new building is completed.

The Board recommends the purchase of a new combination Police Patrol and Ambulance, as the present one is not equipped to take care of emergency cases which arise frequently.

Traffic Signals

The Board this year is not recommending installation of any new automatic flash signals, but does recommend installing stop signs at corners where the Police Department believes same advisable.

Municipal Storage Building

Due to the heavy costs to the Town for the erection of new schools and proposed Fire and Police Station, the Board has deferred recommending the Municipal Storage Building until some future date.

Law Department

During the year 1929 the only cases brought directly against the Town were a petition for certiorari alleging that a certain taking made by the Town for draining a highway was illegal and void. After a hearing before a single Justice of the Supreme Judicial Court the petition was dismissed. A little later the same petitioner instituted an action to recover damages for this same taking but his case up to the present time has not been entered in Court.

A petition has been brought to have damages assessed for taking the Broadley land for school purposes.

There are now pending against the Town the following cases:

Name	Cause of Action	Year
Kathryn A. Greene	Taking for Wilshire Park	1928
Mary A. Storey, <i>et al</i>	Damages for the discontinuation of Day Street	1919
Clara M. Holmes	Damages for falling on high school steps	1921
Babson Institute	Abatement of Taxes	1923
Babson Institute	Abatement of Taxes	1924
Babson Institute	Abatement of Taxes	1925
Babson Institute	Abatement of Taxes	1926
Babson Institute	Abatement of Taxes	1927
Babson Institute	Abatement of Taxes	1928
Babson Institute	Abatement of Taxes	1929
Frederick L. Broadley	Taking for school purposes	1929

The Commissioner to whom the Babson cases and similar cases against the Town of Wellesley were referred, made a finding favorable to the Babson Institute. Exceptions were taken and the matter is now resting in the hands of one of the Judges of the Superior Court.

The Storey and Holmes cases are still on the inactive list and probably will be dismissed without trial.

The Broadley case probably will be settled or tried within the next few months.

The Ramey case and the Eaton case pending in 1928 have both been disposed of satisfactory to all parties concerned.

The Board of Selectmen wishes to express its appreciation for the co-operation shown by all the Departments in working together for the best interests of the Town and feels that having had this co-operation the work has been carried on a great deal more economically.

SAMUEL D. LOW,
WM. P. BROWN,
ALLSTON R. BOWERS,
Selectmen of Needham.

REPORT OF SUPERINTENDENT OF STREETS

To the Honorable Board of Selectmen:

Gentlemen: — I herewith submit the report of the Highway Department for the year 1929 which was probably the largest year of construction work in the history of this Department. The building of Harris Avenue, Lawton Road and Powers Street being the outstanding feature of this year's work.

All car tracks were removed on Great Plain Avenue from Newell Avenue to the Wellesley line, a distance of 7,000 feet which gave an added width of 10 feet to the street.

The car tracks on Great Plain Avenue from Harris Avenue east, a distance of 3,000 feet were removed.

On Hillside Avenue, from Hunnewell Street to Webster Street, the car tracks were removed, street widened and some sections rebuilt. A sidewalk was also constructed.

Grant Street was rebuilt.

Lincoln Street was thoroughly repaired making practically a new street.

A part of Alfreton Road was built from Mark Lee Road to Webster Street.

Central Avenue was widened between Pine Street and Charles River Street, a distance of 900 feet. This finishes the rebuilding of Central Avenue.

A complete detailed financial account of this Department will be found in the Auditor's Report.

Street Construction 1929 Bituminous Macadam

Car tracks Great Plain Avenue, West	7,800 sq. yds.
Car tracks Great Plain Avenue, East	3,200 sq. yds.
Hillside Avenue	3,500 sq. yds.
Central Avenue Charles River	950 sq. yds.
Central Avenue Hurd's Corner	350 sq. yds.
Grant Street	2,300 sq. yds.
Lincoln Street	1,670 sq. yds.
Alfreton Road	2,300 sq. yds.
Corners Melrose and Greenwood Avenues ..	300 sq. yds.
South and Chestnut Streets	100 sq. yds.
Making a total of	22,470 sq. yds.

Tar and Gravel

Pine Street	2,100 linear ft.
Maple Street	400 linear ft.

Street Surfacing

There was a total of 37,481 gallons of Tar and Asphalt used for this purpose.

Streets Built Under the Betterment Act

Harris Avenue	13,700 sq. yds.
Powers Street	4,850 sq. yds.
Lawton Road	4,000 sq. yds.
Parkinson Street	2,800 sq. yds.
Otis Street	1,400 sq. yds.

Making a total of 26,750 sq. yds.

Sidewalks were built on each street constructed.

Sidewalks

Sidewalks are a necessity and should be built on every street. The sidewalk appropriation cannot be made too large.

Granolithic Sidewalks

Granolithic sidewalks were built on the following streets; Pinewood Road, Stevens Road, Coolidge Avenue, Highland Avenue, Warren Street and Chapel Street.

Gravel Sidewalks

Great Plain Avenue west of Central Avenue	2,200 linear ft.
Webster Street	1,100 linear ft.
Central Avenue	600 linear ft.

West Street	200 linear ft.
Hillside Avenue	1,400 linear ft.
Hunnewell Street	1,200 linear ft.
Hunnewell Street Tar	775 linear ft.

Bridges

Kendrick Street Bridge was rebuilt his year as it had been condemned by the City of Newton engineers.

The sidewalk on the Bridge at Upper Falls was found to be unsafe and was rebuilt. Half the cost of both was paid by Newton.

Fences

The wooden fence is no longer a safeguard with modern traffic and each year sections are being replaced by more up to date wire road guard.

Signs

Street and directional signs are continually being added to throughout the Town.

Drainage

Drainage is one of our main problems. While a great deal has been accomplished during the last four years, there still remains a lot to be done.

Drains laid and catchbasins built during 1929:

	Length	Size of Pipe	Catch-basins and Man-holes
West Street	900 feet	15 in.	9
Central Avenue and Fisher Street	240 feet	8 in.	3
Webster Street and Howland Street	350 feet	36 in.	4
Pleasant Street	40 feet	8 in.	2
Carey Place	275 feet	18 in.	0
Bradford Street and Glenwood Road	450 feet	12 in.	5
Greendale Avenue and Webster Street	2400 feet	10, 12, 15 in.	19
Grant Street	216 feet	24 in.	2
Garfield Street	100 feet	24 in.	2
Harris Avenue	2395 feet	8, 10, 12, 15 in.	48

Roller

It was necessary to hire or purchase another roller as one could not do the work. The best arrangement was with the Buffalo-Springfield Co. by which they furnished the Town a new gas roller for \$1,200 for one year, this amount to be applied to purchase price if the Town buys the machine. It has returned to the Town treasury for work done outside this department \$320.

Recommendations

It was intended to build Webster Street from Highland Avenue to High Street and a drain was put in but the abutters petitioned for a relocation so work was put over for a year. This street was widened and a gravel fill made from Kingsbury Street to Mellen Street. Webster Street should be built from Highland Avenue to Kingsbury Street this year.

Greendale Avenue from Webster Street to High Street should be widened and built on the County layout.

In conjunction with the railroad the banks at the crossing on Charles River Street were cut away giving a better view of the tracks. It was intended to lower the street four feet bringing it down to a level grade but on account of the water pipe it was decided to leave it over the winter. This should be finished this year.

Needham Heights Square should have a drain ample to provide drainage for that section. A start has been made from the brook at West Street. It should be continued this year.

Two drains on Great Plain Avenue are necessary, one from Newell Avenue to Nehoiden Street the other from Melrose Avenue to Webster Street.

It will be necessary this year to put a drain through Ellicott Street and Sargent Street.

In my last report I stated the outlet pipe at Webster Street was too small. Through the co-operation of the railroad this condition no longer exists. The railroad furnished the pipe for this much needed improvement to the so-called Howland Street Brook.

Needham Square should be built from Highland Avenue to Warren Street.

Car tracks should be removed from Central Avenue.

A granolithic sidewalk should be built on Great Plain Avenue from Webster Street to Birds' Hill Station also on Great Plain Avenue from Washburn Avenue to Central Avenue.

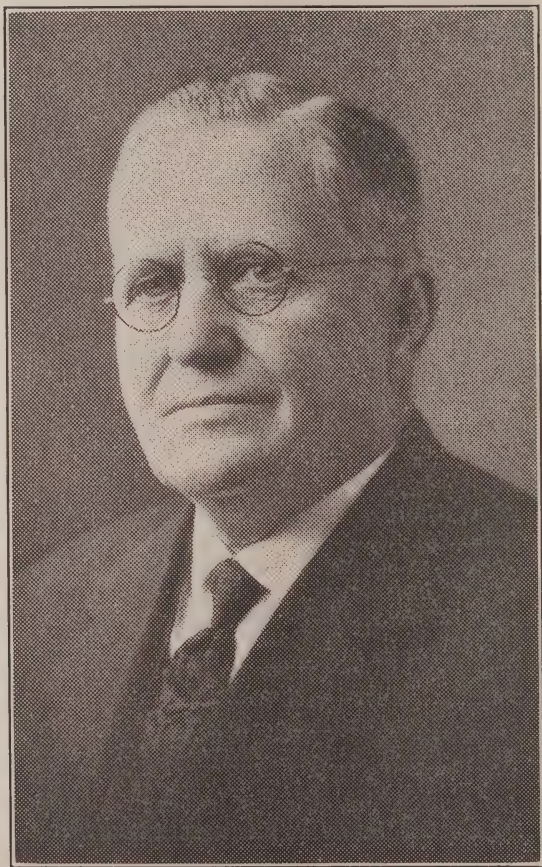
I wish to express my thanks for their co-operation and help to all the other Town Departments and also to the men of the Street Department who have contributed to this year's success.

I take this opportunity of expressing my appreciation to your Honorable Board for your co-operation and support.

Respectfully submitted,

JOHN OVERTON,
Superintendent of Streets.

In Memoriam



CHIEF, NORMAN MACKENZIE

APPOINTED, OCTOBER 19, 1897

APPOINTED CHIEF, DECEMBER 31, 1912

DIED, JULY 16, 1929

REPORT OF THE POLICE DEPARTMENT

January 22, 1930.

To the Honorable Board of Selectmen:

I herewith submit the annual report of the Police Department for the year ending December 31, 1929.

One new man was added to the Department in July to take the place of Officer Frank Taylor who resigned.

A new boat, equipped and placed on a two-wheel cradle, so that it may be taken to the place needed at short notice, was purchased this year.

For equipment this year I am asking that the two motor cycles and the Chevrolet touring car be exchanged for new ones, as has been the custom each year.

One new man is requested to meet the conditions arising from the steady growth of the Town.

For recommendations I am asking for a new Police Station, with an equipment that will pass the State inspection and requirements.

Needham has had nine fatal accidents this year, six deaths caused from automobiles, two from drowning, and one death caused by electric shock.

The following is the record of the court cases handled during the year.

Disposition of Cases

Released by Probation Officer.....	27
Not guilty.....	14
Fined and appealed.....	12
Fined and paid	229
Nol Prosed	1
Sentenced to House of Correction.....	
Sentence suspended and fine paid	4
House of Correction committed	4
House of Correction appealed	2
State Prison, 12 to 15 years	1
Lyman School	1
Industrial School sentence suspended	1
Cases pending	6
Placed on file	25
Placed on Probation	17
Sentence suspended.....	4
State Farm	5
State Farm appealed	1
Dismissed for want of Prosecution	3
State Department of Public Welfare	9
Defaulted	2
Reformatory for women	2

Turned over to other cities and towns	6
Insane hospital	1
	<hr/>
	377
Search warrants for intoxicating liquor	16
Summons served for other cities and towns'	177
Doors unlocked and made secure	207
Number of accidents reported and investigated..	103
Fatal automobile accidents	6
Drowning accidents	2
Fatal accidents due to electric shock	1
Total amount of fines received by the Town, \$2,438	50
Number of cases	377
Number of males	356
Number of females	21
	<hr/>
	377
Number of residents	141
Number of non-residents	236
	<hr/>
	377
Number of juveniles	12
Number of adults	365
	<hr/>
	377

Causes of Arrest

Violation of Auto Laws	124
Violation of Law of Road	31
Violation of Town By-Law	29
Violation of Labor Law	3
Violation of Probation	3
Drunkenness	74
Disturbing the Peace	8
Illegal sale of intoxicating liquor	6
Illegal manufacture of intoxicating liquor	2
Illegally transporting intoxicating liquor	3
Keeping and exposing with intent to sell	8
Liquor nuisance	2
Delinquent children	16
Neglect of wife and children	12
Neglect of child by parent	2
Desertion of wife and child	2
Bastardy	2
Assault and Battery	7
Larceny	4
Murder	3

Gaming on the Lord's Day	13
Lewdness	1
Vagrants	2
Railer and brawler	2
Arrest for other cities and towns	6
Insane	1
	<hr/>
	377

In conclusion I wish to express my appreciation of the loyal work of the officers and their help to me since the death of our late Chief, Norman MacKenzie; and to thank the Board of Selectmen and the residents of the Town for their co-operation and support.

Respectfully submitted,

ARTHUR P. BLISS,
Acting Chief of Police.

REPORT OF THE SUPERINTENDENT OF FIRE ALARM

Needham, Mass., December 31, 1929.

To the Honorable Board of Selectmen:

Gentlemen:—I herewith submit my annual report as Superintendent of Fire Alarm of the Town of Needham for the year ending December 31, 1929.

The work of tree trimming and changing of wire location has been extensive this year, the many new developments about Town producing the necessity of making many changes.

During the year three new Peerless Type alarm boxes have been added to the system, and three old type boxes have been discarded and been replaced by three modern type fire alarm boxes.

Fire alarm boxes have been tested, poles and boxes repainted, and the general system has been kept in good operating condition.

A new one and one-half-ton truck (Ford), arranged for Fire Alarm work has been purchased to replace the old truck which had been in use for five years.

The battery rooms at the Town Hall have been thoroughly cleaned and overhauled. The ceilings have been whitened, and the walls and fixtures painted. This work, which was accomplished by the men of the Fire Department, created a marked improvement in the appearance of the rooms.

Recommendations for the Coming Year

There are several sections of the Town where new Signal wires will have to replace the old lines, so that a liberal sum should be provided to carry on this important work.

Three new fire alarm boxes, and the replacement of three old type boxes should be provided for this year.

Those of our schools which are not provided with the up-to-date method of signaling, should be connected to the fire-alarm box near the building, so that the alarms can be sent over the fire-alarm system; they should also be provided with necessary signaling features so that the children and teachers in the school can be notified by fire alarm in case of fire.

The work of maintaining this Department is carried on by the permanent members of the Fire Department under direction of the Chief. Mr. Leo C. Brady, serving as Assistant Superintendent, is rendering good service in this capacity, ably assisted by Mr. John A. Keith.

I desire to thank the Selectmen and members of the several Departments of the Town, also the members of the Fire Department for their assistance and co-operation.

Respectfully submitted,

T. ROBERT QUINLAN,
Superintendent of Fire Alarm.

REPORT OF CHIEF OF THE FIRE DEPARTMENT

Needham, Mass., December 31, 1929.

To the Honorable Board of Selectmen:

Gentlemen: — I respectfully present the report of the Fire Department for the year ending December 31, 1929, the forty-fourth of the Department.

The Manual Force

The manual force of the Fire Department consists of thirty-eight men as follows: the permanent force, chief, one lieutenant, and eight men; the call force, one deputy chief, four captains, two lieutenants, and seventeen men, and four substitutes.

On May 1, Sydney Brearly was appointed a permanent man, and Carl R. Parker was made a substitute on the permanent force.

Apparatus

The department is equipped with four pieces of motor apparatus, and one horse-drawn piece, as follows: one White

combination hose and chemical, and one American-LaFrance Ladder truck at Station 1; one White combination pump, hose and chemical at station 2; while the horse-drawn combination hose and chemical wagon is stationed at Charles River; also one chief's car.

Combination 1 was purchased thirteen years ago, and Engine 1 has been in use for ten years. Both of these pieces are in as good mechanical condition as can be expected for the years of service rendered.

The ladder truck during the year has been repainted and equipped with pneumatic tires to replace the original solid tires. It will be necessary this coming year to renew the tires on Combination 1.

Hose

At the present time there is 5,500 feet of serviceable 2½ inch hose, 200 feet of 3 inch, and 450 feet of chemical hose. During October all hose was tested at a 200-pound pump pressure.

Hydrants

As usual the boy scouts have assisted in keeping the hydrants clear from snow. All hydrants have been examined, caps greased, and general conditions noted, and a report of same forwarded to the Water Department.

Fire Stations

Two wooden structures which constitute the stations of the Department are still rendering service to the extent of their limited capacity to cope with the demands of present-day fire fighting, and the housing of modern apparatus. How long the buildings will remain safe for use, granting the department does continue to endure the antiquated facilities, is a matter of conjecture. Sufficient to say the buildings are fast outgrowing their stability and usefulness.

Much inside painting has been done, and sundry repairs made by the permanent men, at Station 1, during 1929, to keep the building in the best usable condition possible.

Fire Prevention

Believing in the old adage that "an ounce of prevention is worth a pound of cure," particular attention has been given during the year to Fire Prevention, a subject, the importance of which, has been, and must be recognized. A study of statistics shows that 90% of all the fires are due to carelessness, and this carelessness takes its annual toll of human lives. Further statistics show that the cost of fire to the United States in the year 1928 was \$301,000,000, and 15,000 lives.

These amounts are appalling, yet until the seriousness of the matter of fire prevention is apprehended by the citizens of the individual towns that make up our whole nation, every person will be obliged to pay excessive insurance rates because of these same heavy losses. With these facts in mind, I would like to impress upon the citizens of Needham, the importance of extreme caution in even small things, to avoid creating fire hazards. Such trifling acts as failure to disconnect an electric curling iron, careless disposal of cigarettes, or throwing ashes in a wooden container, have caused, often, serious conflagration. Is it not a matter worthy of a little of our consideration, to aim to prevent fires, thereby reducing the cost of human lives, the cost of fire-fighting and the insurance rates?

The inspections during 1929 reached a total of 1,156, about twice the number made in 1928. A systematic record was kept of each inspection. Together with this, weekly inspections were made of yards in the mercantile districts. It is interesting to note that the results of the additional efforts in this direction are most favorable, there having been no fires in the business section this year.

Fire Prevention Week in October was observed, aside from making many diligent inspections, by giving special attention to the schools. Every school was visited, and the pupils given an opportunity to respond to test drills. The time consumed in vacating each building was recorded.

The department has been glad to give instructions to Boy Scouts in Firemanship, whenever such requests were made. Many Girl Scouts, brought by their Scout Leaders, have been instructed in the proper method of sounding an alarm, and in general prevention work.

Much useless risk is incurred by the foolish practise of sounding false alarms. Pedestrians and autoists, both, are exposed to unnecessary danger. Not only this, but operating expenses are increased with each trip from the station. Perhaps many lives and much property might be safer if this practise were abandoned.

Drills

The Town is again indebted to Fire Commissioner Esterbrook and Chief Allen of Brookline, for their continued good will in extending their invitation again this year to our men to attend their drill school in Brookline, held during July and August. All the permanent men of the force availed themselves of the opportunity. Capt. George Murray, graduate of the New York Drill School and Fire College, and Drill-master of the Brookline Department, continued his excellent work as conductor of the drills, which were held with modern fire-fighting apparatus. I wish here to express

my sincere thanks to the three men mentioned, for the privilege they have given our men to make themselves more efficient, and for the benefit derived by our Town because of this.

Local drills with local apparatus were held from May to September.

The firemen are regularly instructed in the use of the various appliances and equipment, including the inhalator, purchased by the department during the year. Our men had a chance to demonstrate their ability in the use of this when they were called to the Needham Hospital in the fall to use it in a case of electric shock.

Mutual Aid

The mutual aid service instituted with the Town of Wellesley and the City of Newton has been operated with continued success, Wellesley responding to fourteen alarms and Newton to ten. I am deeply appreciative of the way in which Wellesley Fire Department has responded during the last month, with her pump on every straight alarm, it being necessary on account of the recently discovered low pressure in many of our hydrants about Town to order our pump to respond to every alarm. This keeps us covered with a pump in the event of a second alarm, but it is really asking more of the Wellesley Department than the mutual agreement calls for, and more than we can expect her to keep up continuously for an indefinite period.

We owe a debt of gratitude also to Chief Randlett of Newton, and I take this opportunity to express our sincere thanks to him for the inestimable assistance rendered at the recent drowning accident of one of our local boys. His prompt response to our call for help with his flood-light and men, aided immeasurably in the work of recovering the body.

Fire Loss

Although the number of calls on the department last year exceeded those of 1928 by fifty-three, making a total of 305, the largest number on record for any one year, it is very encouraging to note that the fire loss was 46% lower than it was for 1928, the estimated total on buildings and contents being \$10,036.69, against \$18,652 in 1928. This favorable difference can be attributed, we think, in no small measure, to the work of fire prevention, which statement, we believe, goes hand in hand, for a considerable distance, with the fact that we have had no serious fires.

Recommendations

I urgently recommend the purchase of a 750 gallon pump. Due to the flowing low pressure in many hydrants, especially

in the sections of higher altitude which have undergone recent real estate development, it has been expedient to give instructions to have our present pump answer all straight alarms, leaving us entirely dependent on the assistance of neighboring towns should another alarm or a second alarm be sounded. For more efficient protection to our citizens, and to keep the insurance rates in our Town, down, I submit the above recommendation.

I strongly emphasize the need of a new fire station. As stated before the present quarters are rapidly becoming inadequate and unsafe to house a growing department.

An increase in salary is recommended of \$100 a year for members of the permanent force; and a reduction of the four-year grading to three years. Under the present schedule three years' service must be completed before the maximum pay is reached (at the beginning of the fourth year), and the pay of the first year man, who must equip himself with uniform, etc., is but \$1,700.

If the recommendation for a new pump be accepted, and a new pump purchased, it will be necessary to appoint three more permanent men. I therefore ask for the appointment of three men, in the event of the acceptance of the first recommendation.

Summary for the Year 1929

The total number of alarms for the year was 305, of which 194 were bell alarms and 111 were still alarms. There were 20 out-of-town calls as follows: 14 to Wellesley, 4 to Newton, 1 to Dover, and 1 to Dedham. Two of the bell alarms were second alarms, 10 were false, 17 needless, 4 Boy Scout calls and 1 Police call.

Seven calls were made upon the department in emergencies other than fire, as follows: pump water out of cellars, 2; tenant locked out, 1; rescue man from sand hopper, 1; rescue cat from tree, 1; man overcome by electric shock, 1; accidental drowning, 1.

The amount of hose used during the year was 19,495 feet, the number of gallons of chemical used was 1,624, and there were 880 feet of ladders raised in the extinguishing of fires.

There were a total of 244 fires during the year, and these, exclusive of 23 chimney fires are classified as follows:

Automobiles	19
Dumps	26
Frame buildings.....	26
Grass, brush, and woods	136
Miscellaneous, including rubbish, etc.	14

Probable causes of fires, exclusive of 1 undetermined, are as follows:

Acetylene torch	1
-----------------------	---

Burning grass, brush, and rubbish	5
Burning with permit	16
Burning without permit	9
Careless hunter	1
Careless smoking	57
Careless use of fireworks	4
Carelessness	12
Children	8
Chimney (defective)	2
Chimney (sparks from)	1
Electric wires (short circuit)	11
Electric curling iron	1
Incendiary	28
Incinerators	3
Kerosene heaters	4
Locomotives (sparks from)	6
Oil stoves (defective)	2
Over-heated motors	3
Spontaneous ignition	2
Steam shovel (sparks from)	1
Miscellaneous causes	43

The amount of value, insurance, and estimated loss by fire is as follows:

*Value of buildings at risk	\$55,000 00
Value of contents at risk	43,775 55
Total	<hr/> \$98,775 55
Insurance on buildings	83,825 00
Insurance on contents	14,000 00
Total	<hr/> \$97,825 00
Loss on buildings	4,134 50
Loss on contents	3,400 43
Total	<hr/> \$7,534 93
Insurance paid on buildings	7,464 23
Insurance paid on contents	2,572 46
Total	<hr/> \$10,036 69

*Assessed Value.

In closing I wish to express my gratitude to the Selectmen and the various departments of the Town for their co-operation during the year, and my appreciation to the men of the force for the loyalty displayed, they having many times answered calls while on leave from duty.

Respectfully submitted,

T. ROBERT QUINLAN,
Chief of Fire Department.

REPORT OF THE FOREST WARDEN

Needham, Mass., December 31, 1929.

To the Honorable Board of Selectmen:

Gentlemen:—I herewith submit my annual report as Forest Warden.

During the year 1,187 permits were issued for the burning of grass, brush and rubbish. Due to the extremely dry weather of the past summer and fall there were periods when the issuance of permits was forbidden by the State. In some cases where permits were given, carelessness in burning resulted in much damage to adjoining property, and in causing many hours labor by the Fire Department. Some people still continue to take the chance of burning without a permit. In such cases many times it is necessary to call the Fire Department which means that the offender must reimburse the Town for the expense of extinguishing the fire.

State Commissioner of Conservation, W. L. Bazeley, maintains, in his annual report, that too many permits are issued for burning, and urges conservation in this direction. He further states that during 1929, 16,000 acres were burned on account of fires escaping from the control of the persons setting them, resulting damages amounting to thousands of dollars.

While our Fire Prevention policy forbids the encouragement of allowing rubbish to accumulate, yet we suggest that judgment be used in applying for a permit, rather than burning in a haphazard fashion. For instance, if one has an accumulation of papers, and knows that in a few days he will be scraping up the yard and be in possession of a pile of dried refuse from the garden and lawn, a wise suggestion would be to get one permit to burn both papers and refuse, rather than make two fires to dispose of it, which of course would require two permits.

The service of the Boy Scouts in extinguishment and prevention work of forest and grass fires and their general co-operation in this important work is greatly appreciated and is deserving of much credit.

Residents desiring to build fires in the open between March first and December first may obtain permits at Fire Department Headquarters, Needham, or at Station No. 2, Needham Heights.

The notices relative to securing a permit from the Forest Warden before setting a fire in the open were published in the *Needham Chronicle* during the month of February.

The following are extracts from the Massachusetts Forest Fire Laws:

Setting of Fires in the Open Air

No person shall set, maintain or increase a fire in the open air between March first and December first except by written permission of the State fire marshal, within the metropolitan fire prevention district as defined in section twenty-eight of chapter one hundred and forty-eight, or, outside thereof, of the forest warden or chief of the Fire Department in cities and towns, or, in cities having such an official, the fire commissioner, provided that debris from fields, gardens, and orchards, and leaves and rubbish from yards may be burned on ploughed fields by the owners thereof, their agents or lessees, if such fire is at least two hundred feet distant from any sprout or forest land and at least fifty feet distant from any building, and is properly attended until extinguished; and provided, further, that persons above the age of eighteen may set or maintain a fire for a reasonable purpose upon sandy land or upon salt marshes or sandy or rocky beaches bordering on tide water, if the fire is enclosed within rocks, metal, or other non-inflammable material. The forest wardens in towns and officials performing the duties of forest wardens in cities shall cause public notice to be given of the provisions of this section, and shall enforce the same. Whoever violates any provision of this section shall be punished by a fine of not more than one hundred dollars or by imprisonment for not more than one month, or both. G. L. Chap. 48, Sect. 13.

Respectfully submitted,

T. ROBERT QUINLAN,

Forest Warden.

REPORT OF TOWN NURSERY COMMITTEE

To the Honorable Board of Selectmen:

Gentlemen:— During the past year the maintenance of the Town Nursery has consisted mainly of ordinary routine work. The customary pruning, heading and cultivation has been attended to under the supervision of the Tree Warden. The winter of 1928–29 was practically snowless. This resulted in an undue amount of winter-killing in the newest growth. Very little actual loss was suffered but many of the trees received a severe set back. This condition followed by last summer's drought has resulted in the stock as a whole being at the present in about the same condition that it was at this time last year.

Respectfully submitted,

GEORGE TWIGG,

IRVING H. COWDREY.

February 1, 1930.

REPORT OF SUPERINTENDENT OF MOTH DEPARTMENT

To the Honorable Board of Selectmen:

I herewith submit the annual report of the Moth Department for the year ending December 31, 1929.

As the result of careful and continuous warfare against the insect pests, the control of the situation in Needham is well in hand.

The browntail moth was found in a few localities, but in small numbers.

The oak leaf roller appeared in only two places and was eliminated by spraying with arsenate of lead before any damage resulted to the foliage.

In some sections the elm leaf beetle was found but a spraying of arsenate of lead was effective and no defoliation occurred.

The gypsy moth is still an ever recurring menace. In our creosoting work this winter, we find their egg clusters in all parts of the Town to a greater or lesser extent. Off Chestnut Street on the Burr, Farley and Williams estates, the gypsy moth infestation was very bad. Spraying with arsenate of lead and creosoting were both necessary to prevent a large reinfestation of this section bordering the Charles River. It will be necessary this coming year to spray in a few localities for this pest that have not needed attention for three years, other than the creosoting work.

The satin moth was very bad in places this year and seriously injured the poplar foliage on some estates. This caterpillar may be identified by two rows of white spots on its back and its appearance should be watched for. When it is noted a spray of arsenate of lead should be applied. The satin moth feeds exclusively on willows and poplars and does serious damage to both varieties.

The tent caterpillar infestation was again very bad in all sections of the Town. Roadside spraying for this pest was necessary. By destroying all wild cherry, property owners would be rendering great aid in suppressing this pest.

The web worm with its large and unsightly nests were found almost everywhere in New England this year, and have been steadily getting worse every year. This department cut and burnt thousands of these nests thereby destroying hundreds of worms in each nest. This is the best method we have found for fighting this pest.

All Town shade trees that required it were sprayed. Work on private estates totalled approximately \$1,700.

We thank private property owners for their co-operation.

GEORGE TWIGG,

Local Superintendent of Moth Department.

REPORT OF TREE WARDEN

To the Honorable Board of Selectmen:

I herewith submit the annual report of the Tree Warden Department for the year ending December 31, 1929.

The annual brush cutting on all street curves and street intersections has been attended to, and an adequate margin has been cut on all streets that have no built sidewalks — a precaution which has become more and more necessary each year for pedestrian safety.

Street widening on Webster Street necessitated the removal of a number of street trees, but this was unavoidable. Dead trees had to be removed on Maple Street, Central Avenue, Great Plain Avenue, South Street and Dedham Avenue. These were all lingering victims of the ice storm of several years ago. An extra amount of work was done this year removing dead limbs and stubs, and trimming shade trees. All trees with injuries and wounds on their trunks have been treated to prevent decay.

Thirty-five maple trees were planted in the spring. These were all twelve to sixteen foot rock maple stock. The extreme drought delayed our fall planting as the roadside soil was absolutely dry to a depth of over four feet. This made it impossible properly to establish the roots. Improved moisture conditions in November enabled us to plant eleven trees. The remainder of our purchase will be planted in the spring.

GEORGE TWIGG,

Tree Warden.

REPORT OF SEALER OF WEIGHTS AND MEASURES

To the Honorable Board of Selectmen:

The annual report of Sealer of Weights and Measures is submitted as follows:

One hundred and nineteen annual inspections were made. Other inspections are frequently made of both scales and gasoline pumps to assure their being kept up to requirements.

Inspections of commodities in stores are looked after to see that the actual weight tallies with weight printed on package. Bread is frequently weighed also.

The demand on the services steadily increase with the growing increase of stores and gasoline pumps.

In 1926 there were 39 gasoline pumps.

" 1927	"	"	50	"	"
" 1928	"	"	51	"	"
" 1929	"	"	73	"	"

Respectfully submitted,

WILLIAM H. STANTON,
Sealer of Weights and Measures.

REPORT OF DOG OFFICER

To the Honorable Board of Selectmen:

Gentlemen:—The report of the Dog Officer is submitted for year ending December 31, 1929.

Six hundred and fifty-five licenses were issued. Dogs should be licensed on April first or closely thereto. Any notification in regard to a dog not being licensed is merely a courtesy but often received by the owner in a wrong spirit.

A large number of dogs are running the streets without collar and identification which is required by law as well as license.

Prosecution and a fine may follow a failure to comply with this provision. The Dog Officer intends to enforce the law.

Respectfully submitted,

WILLIAM H. STANTON.

REPORT OF THE BUILDING INSPECTOR

December 31, 1929.

To the Honorable Board of Selectmen:

Gentlemen:—I herewith submit my thirteenth annual report as Building Inspector and the seventeenth of this Department.

The estimated cost of construction, a total for the year of \$1,873,435 is shown by the monthly issue of permits as follows:

	No. Permits	Estimated Value
January.....	14	\$93,050.00
February.....	16	66,845.00
March	28	162,480.00
April	35	103,405.00
May	42	116,835 00
June	39	197,350 00
July	41	305,050 00
August	26	109,975 00
September	31	94,140 00
October	33	444,820 00
November	26	96,835 00
December	17	82,650 00
	348	\$1,873,435 00

This is an increase in the value of construction from 1928 of \$667,640 and an increase in the number of permits issued of 45.

The number of building permits issued from this office during the past year is 348, classified as follows:

	No. Permits	Estimated Value
Dwellings	128	\$1,027,200 00
Garages	119	86,505 00
Additions and Alterations	78	147,230 00
Store Blocks	3	140,000 00
Bank Building	1	39,000 00
School Building	1	396,000 00
Greenhouse	1	8,000 00
Filling Stations	2	2,300 00
Cow Barn	1	12,000 00
Broadcasting Station	1	5,000 00
Receiving Station	1	2,000 00
Miscellaneous	12	8,200 00
	<hr/> 348	<hr/> \$1,873,435 00

There was no 2-family house permit issued during the year. There were seven permits issued under authorization of the Board of Selectmen, namely, one office building; one filling station; one broadcasting station; one receiving station; two 3-car garages; and one commercial garage.

The building comparison for the past thirteen years is shown by the following table of the yearly totals of estimated values of permits issued.

In 1917, Value	\$221,120 00
In 1918, Value	102,485 00
In 1919, Value	384,876 00
In 1920, Value	332,825 00
In 1921, Value	655,090 00
In 1922, Value	716,620 00
In 1923, Value	1,166,950 00
In 1924, Value	1,376,100 00
In 1925, Value	1,223,720 00
In 1926, Value	980,865 00
In 1927, Value	1,060,225 00
In 1928, Value	1,205,795 00
In 1929, Value	1,873,435 00

Total for 13 years	<hr/> \$11,300,106 00
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The number of plumbing permits issued for the year of 1929 is 275. These permits are issued by the plumbing inspectors, who are J. F. Buckley, 109 Dedham Ave., Needham, and Henry Thomas, West St., Needham Heights.

The amount collected from building permits and paid to the Town Treasurer for the use of the Town is \$850.50. A cesspool permit must be obtained before a cesspool of any

description is built. The fee is two dollars. Such construction is inspected by this department. The law relative to cesspools, etc. is printed upon the permits.

All of the building and cesspool construction has been carefully inspected and made to conform with the laws of the Town. Any builder or architect who is in doubt as to the meaning and intent of these laws should consult this department before proceeding with work. This will avoid any delay or trouble which might arise from misunderstanding. It is well to remember that it is not the business of this department to superintend the construction of buildings and also that a permit must be obtained before any building operations are started.

The Building Inspector wishes to express his appreciation of the co-operation given by the Board of Selectmen and also by the builders who try to make their work satisfactory.

In conclusion, it is respectfully recommended that appropriation for this department be so increased as to make it possible for the service of this department to be available daily to architects, builders, and the public generally.

Respectfully submitted,

H. HOWARD UPHAM,

Building Inspector.

REPORT OF THE WIRE INSPECTOR

December 31, 1929.

Board of Selectmen, Town of Needham:

Gentlemen:—Herewith is submitted the report of the Inspector of Wires for the year ended December 31, 1929, giving a monthly record of permits issued and the amounts paid over to the Town Treasurer.

Month	No. Permits	Paid Treasurer
January	37	\$ 94.50
February	27	66.20
March	33	103.00
April	37	94.75
May	46	140.25
June	40	120.00
July	53	178.00
August	30	148.50
September	52	121.50
October	58	159.45
November	30	107.50
December	24	129.25
	467	\$1,462.90

Each permit issued calls for a series of inspections, the number depending upon the character of installation. The wiring of new and remodeled buildings and the installation of fixtures requires at least two and in many instances additional inspections. The constant increase in the use of oil-burners, electric cooking ranges, refrigerators, motors, and other electrical appliances, all requiring inspection, has made a corresponding increase in the work of the department.

Respectfully submitted,

JOSEPH ALEXANDER,
Inspector of Wires.

REPORT OF TOWN ENGINEER

December 31, 1929.

To the Honorable Board of Selectmen:

Gentlemen:—The appointment of the Town Engineer was made on June 25, 1929, after the approval of the amendment of Article 2, Section 4A of the Town By-Laws by the Attorney General, but inasmuch as the work had been previously carried forward, the engineering covered in this report will date from January 1, 1929. I hereby submit the following report of the Town Engineer:

Sewers

Lines and grades were established for constructing 15,000 linear feet of sewers. Surveys and plans were made and titles examined and papers drawn for the taking of easements through the following properties: Oak Street Extension, Glendon Road, and Grant Street.

Surveys and plans were made and schedules submitted for levying assessments under the Betterment Act. Eighteen additional Record Sewer Plans have been drawn this year, making a total of sixty-three street plans and two index plans on file in this office. For details as to length, cost, etc., of all sewers constructed during the fiscal year see the report of the Superintendent.

Highways

Lines and grades were established, titles of abutting properties examined, plans drawn and furnished to the Board of Selectmen for the levying of assessments under the Betterment Act due to the construction of the following streets:

Harris Avenue	...	2,850 linear feet	13,700 square yards
Lawton Road	.....	1,650 " "	4,000 " "
Otis Street	.....	500 " "	1,400 " "
Powers Street	.....	1,650 " "	4,850 " "
Parkinson Street	...	960 " "	2,800 " "

Lines and grades were also furnished to the Highway Department for re-construction work on the following streets:

Alfreton Road	Hunnewell Street
Great Plain Avenue	Central Avenue
Charles River Street	Hillside Avenue
Webster Street	

Drains

Studies have been made of various districts which are greatly in need of proper drainage. The limits and outlets of several sections have been determined; grades and sizes of pipe lines required to serve the various districts have been established. However, there still remains a great amount of field work to be done to determine the most economic methods of draining many streets throughout the Town.

Lines and grades were furnished the Highway Department for the construction of storm water drains in the following streets:

Grant Street	.....	215 linear feet	24	size of pipe
Harris Avenue	...	1,700 " "	18, 15, 12	" "
Garfield Street	....	100 " "	24	" "
Howland Street	..	300 " "	36	" "
West Street	.....	900 " "	15	" "
Carey Place Extension		275 " "	18	" "
Greendale Avenue		900 " "	15, 12	" "
Webster Street	....	1,500 " "	12	" "
Glenwood Road	...	450 " "	12	" "

Granolithic Walks

Lines and grades were established, titles of abutting properties examined, plans and schedules were furnished to the Board of Selectmen for the levying of assessments under the Betterment Act due to the construction of 3950 linear feet or 2050 square yards of granolithic walks on the following streets: Stevens Road, Coolidge Avenue, Pinewood Road, Highland Avenue and Warren Street.

In addition to the above, approximately 700 square yards of patch-work and re-construction was completed in and about the Square.

A new form of contract and specifications was drawn up this year and approved by the Board of Selectmen, which resulted in a saving of 18c per square yard over the old form of contract.

Street Lay-outs

Lines and grades were established and plans furnished the Board of Selectmen for the acceptance of the following streets: Mills Road, Eaton Square, Kingsbury Street Extension, and Pickering Street Extension.

A certain portion of engineering work has been done on the following streets proposed to be accepted by the Town: Sargent Street, Hillcrest Road, Birds Hill Avenue and Fair Oaks Park. The cost of this amounted to \$111.71 and should be charged to these streets when constructed under the Betterment Act.

Board of Survey

Lines and grades of streets have been passed upon before being submitted to the Board of Survey for final approval. Various studies have been made and hearings called for possible changes in street lay-outs.

Planning Board

Various preliminary plans have been checked and approved in connection with the work of this Department.

Plans

Owing to the rapid development of several sections of the Town an effort should be made by this Department to establish a set of accurate plans which should be kept up to date by entering upon them from year to year all changes in ownerships new streets and buildings, sub-division of estates, street widenings, etc. The numerous transfers of real estate throughout the Town make it necessary for one assistant to spend fully one month of each year at Dedham copying deeds and plans, also a considerable amount of this work is done by Town Counsel. This could be rectified at an absolute saving to the Town if copies of all plans filed and records of all transfers filed at Dedham be sent to this Department at a cost of 25c per plan.

An accurate survey of certain portions of the Town should be made and the results incorporated into the plans which could be made applicable to the Assessors' plans, various street plans, drainage and sewer plans, and other uses for which public plans are required. First a field work of linear survey should be completed showing all streets and lot sub-divisions, then a topographical survey showing contours should be made as drainage and other questions are continually arising for settlement of which a reliable topographical survey is an absolute necessity. No comprehensive survey of the Town has ever been made. At present all surveys are made with a certain amount of accuracy, to be sure, but only for one particular individual purpose independent of all adjacent properties. In some cases it is necessary to compile various notes, deeds and plans in order to get a plan which is near accurate.

These plans could be made to show exactly what every taxpayer is supposed to own and they should be open to in-

spection of everyone. Careful scrutiny by land owners should be invited that errors may be determined and corrected.

House Numbers

In many cases owners have been lax in affixing proper numbers to their houses and sometimes apply no number whatever, while others are using incorrect numbers. To rectify this condition, a canvass of the entire Town should be made and the results incorporated into the plans previously mentioned, correcting the situation by renumbering the houses where necessary.

Miscellaneous

Various information has been furnished to architects, builders, property owners and others, relative to street lines, grades, by-laws, zoning-laws, sewers, drains, etc. Various meetings and special hearings have been attended and the usual amount of miscellaneous work requiring the services of an engineer has been accomplished.

The following tabulation shows sums paid by other Departments to the Engineers and Assistants for services rendered:

Highway Department:

Betterment Streets	\$1,047 19	
Drains	453 36	
Other Streets	122 76	
Gravel Walks	58 51	
Curbing	32 12	
	<hr/>	\$1,713 94

Unclassified:

Street Lay-outs	\$278 29	
Furnishing Lines and Grades	42 52	
Miscellaneous	215 08	
	<hr/>	\$535 89
Granolithic Walks		232 16
Board of Survey		137 68
Sewer Construction		2,080 12
Other Departments		43 57
		<hr/>
Total Engineering		\$4,743 36

I take this opportunity to thank all department assistants for the careful execution of their duties; also all other departmental heads who have so generously rendered their support in an effort to make this year's work successful.

Very respectfully,

LESTER C. HOLLIS,

Member Boston Society of Civil Engineers.

REPORT OF THE PARK COMMISSIONERS FOR YEAR 1929

To the Honorable Board of Selectmen:

The Park Commissioners respectfully submit their annual report. During 1928 Thorpe Memorial, Vesta, Noyes, Fair Oaks and Harris Avenue Parks, Needham Heights Common, the Bathing Reservation and minor plots located at Hurd's Corner, Central Avenue and Reservoir Street and Webster Street and Greendale Avenue have come under our jurisdiction.

For the maintenance and improvement of these public properties we have expended the sum of \$2,498.30 as follows:

Upkeep and improvement of parks	\$2,233 26
Equipment and repairs	100 29
Bathhouse supervision	150 00
Water	14 75
	\$2,498 30

As the Town appropriated in 1929 the sum of \$2,500.00 the work of the Department has been carried on so as to leave a balance of \$1.70.

The usual use of the Bathing Reservation occurred as in former years. Recommendations for 1930: The Commission will have the usual upkeep of parks and reservations and in addition will for the first time have jurisdiction over approximately eight-tenths of a mile of additional planting space in the center of the newly constructed portion of Harris Avenue. This amounts to 8,800 square yards of lawn to be cared for and thus brings a substantial increase in our estimate of next year's expenses. Further, it will be necessary to renew the outside stairs leading from the bathhouse to the float at the swimming reservation.

Consequently, the Commissioners, are obliged to ask for an increase of appropriation and now recommend that the Town set aside for the use of the Park Commission the sum of \$4,200.00.

Respectfully submitted,

PRESTON MITCHELL, *Chairman*,
FREDERICK KINGSBURY, *Secretary*,
I. TUCKER BURR, JR.

REPORT OF MEMORIAL PARK TRUSTEES

Memorial Park Trustees submit the following report for the year 1929.

Early in the year the trustees expressed their desire to co-operate with the High School Building Committee in the matter of landscape planning. Both committees realize that the new High School lot and Memorial Park should be studied as one project when paths, approaches, planting are considered.

The Building Committee have co-operated with the Trustees in a splendid way, specifying that the fill from their cellar be dumped on the Park according to our direction. This fill with the co-operation of the Street Department allowed us to extend the width of the playing field about fifty (50) yards. Baseball may now be played without any ground rules and the secondary field will allow room for at least one more diamond and another football field.

We have had a topographical map made of the Park tying in with the grades of the Building Committee's map. We also had a new study made of the Park.

New work consisted of extending the walks from Highland Avenue to the field; putting in a permanent water pipe that will be extended for sprinkling and fountain uses. The Band stand was placed in a permanent position, repaired, reshingled and painted. It was also remodeled, so that we now have a fine tool house for mowers, rollers and tools.

The general upkeep consisted of having the flag pole painted; the fields fertilized and mowed regularly; the track raked and rolled many times. The jumping pits were refilled with sand and sawdust, also new take-offs were made.

The Town is very fortunate to have as caretaker, Mr. Patrick Hughes. He has painstakingly kept the Park in fine appearance and understands the practical work of keeping the grass and diamond in good condition. He is very much interested in his work and is well liked by the boys and girls, as well as by their instructors for his fine spirit of willingness and co-operation.

The activities on the Park are increasing each year. The High School played all its baseball games and held track meets in the spring on the Park. The girls played their field hockey on the football field in the fall. Every pleasant day during the school year the physical instructors held open air gym classes on the field.

The Town held its annual Fourth of July celebration on the Park, one feature of which was the all women track meet authorized by the A. A. U. The track was fast, good times being made in all events. A new New England record was

made in the 100-yard dash by Miss Olive Hasenfus, a Needham girl. Time—11 seconds. Armistice Day was observed by the Town under the leadership of the American Legion at the Park. The same pageant as was presented in 1928 was repeated. The Legion also ran community band concerts each week during the summer.

The Trustees, as instructed by the Town at its last annual Town Meeting, presented a bill to the legislature, making it legal for the Trustees to give permission to the High School to enclose the field and to charge admission at its games.

Respectfully submitted,

T. J. CROSSMAN,
Chairman.

LIST OF JURORS

Herbert Acheson	Painter	2 Oak Street
William F. Alden	Manufacturer	Maple Street
George W. Allsbrook	Machinist	95 Hillside Avenue
Lloyd K. Allen	Insurance	59 May Street
Arthur W. Atkinson	Bookkeeper	Mark Lee Road
George C. Barnes	Machinist	19 West Street
F. Russell Bartlett	Insurance	91 Bradford Street
Herbert W. Barton	Florist	147 Greendale Avenue
Frank P. Bartlett	Salesman	60 Kimball Street
Armstrong Beattie	Shipper	80 High Street
Jerry Bond	Salesman	Beaufort Avenue
Thomas P. Brooks	Broker	South Street
J. Worth Brownville	Clerk	45 Stevens Road
Harry H. Bruns	Clerk	Kingsbury Street
John E. Buckley	Real Estate	13 Reservoir Street
H. Ronald Carter	Manager	Tower Avenue
John J. Carter	Foreman	4 Alfreton Road
Walter E. Carter	Insurance Agent	Avondale Road
William M. Clews	Painter	Avery Street
A. Elliott Church	Real Estate	11 Newell Avenue
Percy A. Compton	Painter	11 Gage Street
Edward A. Coppinger	Poultryman	Highland Avenue
Lester O. Cook	Engineer	20 Lincoln Street
Carl D. Corliss	Clerk	381 Webster Street
Joseph F. Dinneen	Reporter	Oak Street
Clarence W. Durkee	Salesman	51 Marked Tree Road
William H. Earle	Painter	6 Oak Street
Albert W. Eldridge	Tree Surgeon	147 Greendale Avenue
William N. Eustis	Stained glass	53 Linden Street
Louis F. Fowler	Treasurer	72 Stevens Road
William W. Gallagher	Treasurer	1152 Great Plain Avenue
James W. Gledhill	Salesman	High Rock Street
Ernest D. Gourd	Merchant	245 Webster Street
Fred L. Greely	Retired	138 Fair Oaks Park
James W. Hall	Accountant	Oakland Avenue
Ray C. Hall	Manager	Kingsbury Street
Samson Hammersley	Shipper	Avery Street
Keneth Herdman	Designer	Webster Street

Bertram R. Heathcote	Manager	22 Maple Street
Lloyd C. Herring	Clerk	Fair View Road
Linwood H. Hewett	Carpenter	Coulton Park
Frederick W. Hinds	Superintendent	44 Pinewood Road
Parkman D. Howe	Superintendent	Chestnut Street
George B. Jones	Mechanic	Birds' Hill Avenue
John F. Kenney	Foreman	Charles River Street
Robert H. Kimball	Dealer	41 Marked Tree Road
Sprague A. Knapp	Real Estate	80 Manning Street
Earl L. Koldenberg	Manager	59 Hillside Avenue
Horace Lingley	Mill-hand	210 Hunnewell Street
Arthur J. Littlehale	Knitter	164 Hunnewell Street
Arthur W. Littlehale	Knitter	665 Highland Avenue
Aubrey J. Lyman	Carpenter	Prince Street
Harry M. Lyman	Manager	34 Bradford Street
Arnold Mackintosh	Treasurer	High Rock Street
William P. McEvoy	Optician	61 Bradford Street
Preston Mitchell	Bookkeeper	459 Highland Avenue
Sydney Morton	Painter	243 Hillside Avenue
George A. Nickerson	Manufacturer	Bennington Street
William C. Payne	Foreman	470 Highland Avenue
John L. Parsons	Machinist	Birds' Hill Avenue
Karl Anton Piez	Engineer	638 Great Plain Avenue
Walter K. Queen	Manufacturer	369 Webster Street
S. Frank Quinlan	Machinist	Tower Avenue
Phillip A. Rand	Wire Agent	71 Warren Street
Allison C. Ringer	Carpenter	91 Ellicott Street
Henry S. Rodgers	Assistant Manager	11 Maple Terrace
William Roper	Knitter	34 High Street
Harold Rowlands	Accountant	Mt. Vernon Avenue
Charles I. Ruggles	Bookkeeper	50 Bradford Street
Phillipps Salman	Accountant	Glenwood Road
Joe V. R. Shepherd	Manufacturer	Great Plain Avenue
Victor L. Richwagen	Florist	Rosemary Street
Amos. H. Shepherdson	Assistant Treasurer	796 Great Plain Avenue
Charles E. Shirley	Manager	303 Webster Street
Philip Simon	Cattle Dealer	Greendale Avenue
Wilfred Slade	Insurance Manager	10 Pinewood Road
Frederick N. Smith	Carpenter	Greendale Avenue
Eugene Smith	Optician	10 Newell Avenue
Harold A. Smith	Manager	59 Manning Street
Stephen W. Smith	Salesman	Chestnut Street
Brad C. Stephens	Publisher	Green Street
Austin R. Stiles	Superintendent	Birds Hill Avenue
Dana L. Southworth	Editor	5 Lincoln Street
Edgar S. Stanley	Insurance	67 Greendale Avenue
Edward C. Storror	Broker	South Street
Jesse C. Tobey	Salesman	46 Bradford Street
George Toney	Salesman	49 High Street
Harold D. Toone	Plumber	191 Hillside Avenue
H. Prescott Tucker	Salesman	49 Walnut Street
Leonard Vara	Carpenter	14 Carter Street
Irving Wallis	Knitter	Hunnewell Street
Harlan R. Webber	Clerk	Noyes Street
Leslie J. Wertheim	Salesman	62 Manning Street
Stanley B. Wheeler	Bookkeeper	43 Emerson Road
William S. Whelan	Cutter	238 Warren Street
Frederick A. Whetton	Salesman	Pickering Street
John L. Whittier	Clerk	260 Harris Avenue
J. Corwin Wright	Salesman	855 Webster Street
Percy H. Wye	Real Estate	Fair Oaks Park

REPORT OF THE TRUSTEES OF THE GLOVER MEMORIAL HOSPITAL

To the Citizens of Needham:

The Trustees of the Glover Memorial Hospital have the honor to present their first report for the ten months ending December 31, 1929.

The year has been a fruitful one in efforts and beneficial results to the hospital. The business coming to it and the demands made upon it are constantly increasing, so that today it is not large enough and has not facilities enough to meet some of the demands made upon it and it must either be enlarged by erecting a new building or some of the demands made upon it must remain unanswered.

Whether a new building and increased facilities are to add to the cost of running the hospital, over and above its income, is problematical. The hope has been expressed that the increased income from the increased number of patients will fully, if not more than offset the increased cost, and whether this hope is sufficiently strong to justify a reasonable expectation of its fulfillment must be left to be determined after a sufficient length of time has elapsed.

In the meantime, however, the hospital will go on its mission of healing and restoring to health and usefulness, those who have had the misfortune to be sick and require its services.

FINANCIAL STATEMENT

Receipts

Cash on hand, March 16, 1929	\$ 670 28	
Receipts from services	12,687 07	
Transfer from William Carter Fund	30 50	
Total		\$13,387 85
Appropriation		\$18,000 00

Expenditures

Superintendent and Nurses	\$4,975 63
Clerk	376 50
Cook	920 00
Labor	705 52
Stationery and Supplies	192 49

Light	\$236 11	
Telephone	159 01	
Food	3,590 06	
Laundry	1,634 09	
Furnishings and Clothing	643 50	
Medical and Surgical Supplies and Equipment	2,313 82	
Janitor supplies	16 35	
Ice	160 00	
Fuel	1,043 77	
Repairs	443 76	
Water	88 08	
Sewer Connection	225 99	
Compensation Insurance	73 14	
Gas Range	173 00	
Express	2 68	
Petty Cash	25 00	
Unexpended balance	1 50	
		<hr/>
Total		\$18,000 00
Receipts		13,387 85
		<hr/>
Net Cost		\$4,612 15

Repairs of Glover Memorial Hospital and Nurses' Home

Electric Repairs	\$156 50	
House Repairs	822 00	
Painting	1,235 60	
Plumbing	408 10	
Piazza Screens	45 00	
Account of fire loss	120 00	
Mason repairs	55 00	
		<hr/>
Unexpended balance	\$157 80	\$2,842 20
		<hr/>
Appropriation		\$3,000 00
Receipt on account of fire damage (Nurses' Home)	\$130 00	

Very truly yours,

FRANK B. ARNOLD, *Chairman*,
MARGARET O. CHASE, *Secretary*,
DAVID E. MANN,
DR. WM. MITCHELL,
FRANCES ROWLANDS,

Trustees Glover Memorial Hospital.

SUPERINTENDENT'S REPORT

To the Board of Trustees, Glover Memorial Hospital:

Ladies and Gentlemen:—I have the honor to submit my report of the Glover Memorial Hospital for the period from March 1, 1929, through December 31, 1929.

The hospital has been thoroughly renovated since March, 1929, at which time the Town took it over. This has added much to the efficiency of the hospital and has made the routine work less laborious for the nurses, as well as contributing much to the patients' comforts.

We now possess a new sterilizer, a gas oxygen tank and many needed surgical instruments which are great assets to all concerned.

Donation day was held October 16, 1929. We were very fortunate in receiving the following donations: canned goods, jellies, fresh vegetables, old linens, and many books and magazines.

Our Ladies' Aid has been most generous in making and donating many of our hospital supplies, as well as donating a wickered living room set to the nurses' home.

The Home Economic class of the Needham High School very kindly donated the candies, which they made during the class at Christmas time, to the nurses at the hospital.

Mr. Foss, clerk of the Town of Needham, donated many pieces of furniture to the nurses' home, including a brass bed, two bureaus, dishes, etc. Mr. William P. Brown, selectman, donated a bureau and couch. Dr. Wood donated gloves and ice cream. We gratefully acknowledge all contributions, although some names may have been unintentionally omitted or unknown to us.

Patients in hospital, March 1, 1929	8
Number of patients admitted	454
Average stay in hospital	2 weeks
Number of patients, male	218
Number of patients, female	236
Number of medical cases	18
Number of surgical cases	170
Number of maternity cases	66
Number of babies born	67
Number of Out-Patients treated at hospital	200
Surgical operations, major	73
Surgical operations, minor	97
Number in hospital December 31, 3 adults and 1 baby.	
Discharged well, all with the exception of a few incurables, cancer and senile cases.	
Died.....	8

Respectfully submitted,

B. J. YOUNG, R.N.,
Superintendent.

REPORT OF PLANNING BOARD

Needham, Mass., February 4, 1930.

To the Citizens of Needham:

The past year has brought forth the usual zoning problems which confront the Planning Board each year. There has been, however, an unusual activity in the direction of re-zoning as indicated by the increased number of petitions for changes in the zoning By-Laws, most of which, we are pleased to state, reflect a desire to safeguard the welfare of the Town as a whole as well as the individual interests of the petitioners. This is a gratifying commentary on the public spirit of the citizens of our town and serves to emphasize the fact that Needham is zoning minded and vitally interested in the proper development of real estate as a whole.

The Planning Board, while pleased over the present situation, is, nevertheless, mindful of the possibility of outside interests acquiring real estate holdings in our town for the purpose of developments. It therefore behooves the citizens as a whole, as well as the Planning Board, to keep a watchful eye for any breaking down of the protection which the Zoning By-Laws afford. A two-thirds vote will re-zone a district. Let us think seriously before we vote a change.

This Board desires to go on record at this time as opposed to any change in the Zoning By-Laws at any Special Town Meeting except in case of an emergency where a delay would be unwise or harmful. The Annual Town Meeting is the time and place for such legislation. Any variation from that policy is dangerous and should be frowned upon by the voters.

Three of our members have served during the year and are continuing to serve on the special committee appointed for the building of the new Senior High School on Richwagen Hill and the elementary school at Needhamdale. Closely allied with this work the Board is studying the matter of putting into operation a constructive program for the development of playgrounds in the town and hope to bring in a report to the Annual Town Meeting.

Respectfully submitted,

HAROLD B. CHURCH, *Chairman*,
ARTHUR G. CURREN, *Secretary*,
ARTHUR W. ROHN,
ERNEST B. ALLEN,
LAURENCE B. CALDWELL,

The Planning Board.

REPORT OF THE HEALTH DEPARTMENT

To the Board of Health:

Gentlemen:—I herewith submit my report of the work of the Health Department for the year 1929. The entire year was very successful in public health measures. Modern public health practise must direct its efforts toward the prevention of disease, a work which entails the co-operation of everyone in the community. During the past year Needham organized a series of clinics for the prevention of diphtheria by means of toxin-antitoxin inoculations and also sponsored a summer round-up to see that all children enter school physically fit. The other work of the department was carried on as usual.

Communicable Diseases

The year 1929 showed a decrease over 1928 in the number of cases of communicable diseases reported. During 1928 305 cases were reported; but only 246 cases in 1929. The most prevalent disease was chicken-pox, as there occurred an outbreak at the beginning of the year. From January to August 81 cases were reported. Scarlet fever was again prevalent, a total of 37 cases being reported throughout the year. All of the patients recovered as the diseases occurred in a mild form. There were 35 cases of whooping cough during the earlier months of the year in comparison with 125 cases during 1928. Five cases of pulmonary tuberculosis were noted and two non-pulmonary forms. There were four deaths from pulmonary tuberculosis.

Laboratory

The laboratory enlarged its facilities and continued to render diagnostic service to the physicians. An electric refrigerator was purchased so that biological products and media could be stored at all times and kept fresh. Examinations were made of throat cultures, tuberculosis specimens, and smears. Frequent analyses of the milk supplies to Needham residents were made and the results of these tests can be obtained at the laboratory. A total of 163 examinations were made in the laboratory which is an increase of 92 over 1928. The following table shows the amount of the diagnostic work done in 1929.

TABLE I — DIAGNOSTIC SERVICE

	Positive	Negative	Total
Diphtheria	10	72	82
Gonorrhea	9	13	22
Tuberculosis	2	22	24
Vincent's Angina	7	15	22
Other examinations	4	9	13
Totals	32	131	163

Sanitation

Inspections were made of the food handling establishments and any faulty conditions were corrected. This includes the examination of restaurants, bakeries, and all stores selling food products. The local dairies which produce milk for Needham dealers were inspected as were the pasteurizing plants. There are four such pasteurizing plants in Needham with modern facilities for the proper processing of the milk and four more located in neighboring communities which are subject to inspection by local and State authorities. Numerous complaints were also investigated and satisfactorily settled.

Dumps

The two public dumps were maintained by the Board of Health as in previous years. They are located on Central Avenue near the stone-crusher and on Highland Avenue below Carter Park. Every effort is made to keep these dumps in a slightly condition and the co-operation of everyone is needed to see that rubbish is thrown well over the edge in order to allow access to the dump. Licenses are issued annually without charge to anyone who desires to collect, transport, and dispose of rubbish in the Town.

Diphtheria Immunization Campaign

"Is your child protected against diphtheria?" was the question asked of Needham parents in the fall. Realizing the benefit which would result from a community whose children are protected against diphtheria the Health Department sponsored a campaign for the immunizing of Needham children against this disease. Through the courtesy of the School Department a letter and request slip was distributed to every child in the Needham schools and the same letter was mailed to about 500 pre-school children. Publicity was also given the movement by the newspapers. The first clinic was held on Friday, October 18, in the office of the Board of Health. The response was gratifying as 230 children were present and on the following Fridays the clinic was held upstairs in the Town Hall. Eighty-three children were given the Schick Test to see whether or not they were susceptible to diphtheria and of these 70 were positive reactors. Fifty-six of these reactors had all three inoculations of toxin-antitoxin. These individuals should return in the spring for a Schick Test to determine whether the inoculations were successful.

The Visiting Nurse Association and the New Century Club were of material assistance throughout the entire campaign and Mrs. B. C. Philbin, the Association Nurse, was in attendance at each clinic to assist the physicians. Doctor Kenneth Christophe was present every Friday and Doctors Mitchell, MacGray, and Mann also volunteered their services. This

campaign was a decided forward step in public health and the Health Department plans to continue this work each year. All parents are urged to see that their children are given this protection; private physicians can give the treatments or they may be secured at a Health Department clinic. The following is a summary of the results of the clinics:

TABLE II — DIPHTHERIA IMMUNIZATION

Total number present	337
Number of first doses of toxin-antitoxin	322
Number of second doses of toxin-antitoxin	293
Number of third doses of toxin-antitoxin	265
Number of Schick Tests	83
Positive reactors	70
Negative reactors	13
Number who had positive Schick Test who completed three doses of toxin-antitoxin	56
Number present at first clinic	230
Number present at second clinic	244
Number present at third clinic	268
Number present at fourth clinic	137
Number present at fifth clinic	64
Number present at sixth clinic	20

Summer Round Up

In the spring the Health Department in co-operation with the Visiting Nurse Association sponsored a summer round up which is an effort to see that all children who are entering school for the first time in the fall have a physical examination either at one of the clinics or at their private physician's, and have any defects corrected before entering school. Registration was held at three locations for the purpose of ascertaining how many would attend the clinics. The clinics were held as follows:

May 27, Parish House, Christ Episcopal Church, Needham Heights, with Dr. H. R. Gilbert.

May 29, Cashman's Boathouse, North Needham, with Dr. J. B. Thompson.

June 5, Congregational Church, Needham, with Dr. D. E. Mann.

Although the total attendance was not large, as only twenty-one attended, many people asked their family physician to examine their children and in this manner a larger number were examined than attended the clinics.

Vital Statistics

In computing birth and death rates the figures are corrected by deducting stillbirths and non-residents. The correct rate is then figured on a basis of the corrected number of birth or deaths per 1,000 of population. The population is estimated from the census figures of 1920 and 1925. These

estimates will be revised by the census of 1930. The rates per 1929 are not given as the returns have not yet been completely filed. A favorable death rate is one of about 10 per 1,000 population; a figure which is closely approximated by Needham. The infant mortality is the number of deaths of infants under one year of age per 1,000 live births. This is a vital measure of the well being of a community. Table III shows the leading causes of deaths in Needham for 1929. It is important to note the figure of seven deaths due to accident and other violent causes. Needham is fortunate in having few deaths due to communicable diseases.

Respectfully submitted,

G. DONALD BUCKNER,

Agent.

TABLE III — DEATHS IN 1929

Diseases of the heart and circulatory system	33
Cancer	14
Violent and accidental causes	7
Nephritis	6
Pulmonary tuberculosis	4
Lobar Pneumonia	4
Broncho Pneumonia	3
Influenza and La Grippe	3
Cerebral Hemorrhage	3
Other causes (combined)	19
Total	96

TABLE IV — VITAL STATISTICS

YEAR	Population	Births	Deaths	Infant Deaths	Birth Rate	Death Rate	Infant Mortality
1920	7,200	154	100	17	21.4	13.9	91
1921	7,574	182	77	8	24.0	10.2	44
1922	7,948	149	76	9	18.8	9.6	60
1923	8,322	167	90	13	20.1	10.8	78
1924	8,696	179	102	12	20.6	11.7	67
1925	9,070	172	75	5	19.0	8.3	29
1926	9,444	172	96	6	18.2	10.2	35
1927	9,818	182	99	8	18.5	10.1	44
1928	10,192	185	108	13	18.3	10.6	70

TABLE V — COMMUNICABLE DISEASES BY MONTHS — 1929

DISEASE	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chicken pox	7	4	17	3	13	28	9	1	..	1	3	3	89
Diphtheria .....	..	1	..	..	..	..	..	..	..	1	..	1	3
Dog bite	2	..	3	5	5	2	4	3	..	1	2	4	31
German Measles	1	..	..	2	1	1	..	..	..	..	..	..	5
Gonorrhea	5	..	..	..	..	..	..	..	1	1	..	1	8
Influenza	6	1	..	..	..	..	..	..	..	..	..	..	7
Lobar Pneumonia .....	..	1	1	..	..	1	..	..	..	1	1	..	5
Measles	1	1	1	..	7	2	1	..	..	..	..	..	7
Mumps .....	..	..	..	..	1	..	..	..	..	..	..	..	5
Scarlet Fever .....	..	7	3	4	1	..	..	3	..	1	2	..	13
Septic Sore Throat	6	..	..	1	1	..	1	..	..	5	..	7	2
Sup. Conjunctivitis .....	..	..	..	1	..	..	..	..	..	..	..	..	37
Tuberculosis .....	..	..	..	..	..	..	..	..	..	1	..	..	1
Pulmonary	1	1	..	..	..	1	1	..	1	..	..	..	5
Other Forms .....	..	..	..	..	..	..	..	..	1	1	..	..	2
Whooping Cough	8	12	9	1	1	2	1	1	..	..	..	..	35
Totals	37	28	34	16	29	37	17	8	3	13	8	16	246

REPORT OF SEWERAGE COMMISSIONERS

Needham, Mass., December 31, 1929.

To the Citizens of Needham:

We respectfully submit the third annual report of the Needham Sewer Department for the year ending December 31, 1929.

The details of the work accomplished during the year together with the statistical record of the department are given in the report of our Superintendent.

This past year we spent approximately \$43,430.50 on the construction of common sewers, of which sum \$30,000 was borrowed against anticipated and unpaid sewerage assessments.

In order to continue the program of sewerage construction to meet the requests for sewer extensions and to anticipate the need for service in the numerous rapidly growing sections of the Town, the Commission will recommend that money be borrowed against anticipated and unpaid sewerage assessments as during the past year. This method, as we pointed out last year, has the advantage of permitting needed sewer extensions without increasing the tax levy.

This year sewers were laid in the following streets:

Parkinson St. from Webster St. to DeLue St.

Otis St. Easterly to DeLue St.

Garden St. from Great Plain Ave. to Eaton Square.

Gibson St. from Manning St. Easterly.

Hemlock St. from Manning St. to Page Rd.

Powers St. from Webster St. to DeLue St.

Maple Ter. from Maple St. to Linden St.

Oak St. from Maple St. to Linden St.

Greendale Ave. and Tower Ave. from Central St. to Concord Ave.

Warren St. Northerly to May St.

Warren St. from Interceptor to Norfolk St.

Harris Ave. from Bradford St. to Mayo Ave.

Mayo Ave. from Harris Ave. to Great Plain Ave.

Dedham Ave. from Bradford St. to Pleasant St.

Great Plain Ave. from Warren St. to Webster St.

Oak St. from Linden St. to Henderson St.

Webster St. from Dedham Ave. to Rosemary St.

Glendon Rd. from Great Plain Ave. Northerly.

Grant St. Extension Northerly from Garfield St.

Kingsbury St. from Pickering St. to Webster St.

For the coming year we are contemplating installation in the following streets:

STREET	From	To	Length	Cost
Carey Place	Highland Ave.	Webster St.	1,015 feet	\$3,600
Webster St.	Rosemary St.	Mellen St.	1,050 feet	2,200
Great Plain Ave.	Pickering St.	Warren St.	460 feet	1,500
Norfolk St.	Warren St.	Easterly	625 feet	1,800
Oak St.	Maple St.	Chestnut St.	450 feet	960
Henderson St.	Oak St.	Walnut St.	650 feet	1,800
Walnut St.	Marked Tree Rd.	Linden St.	1,050 feet	2,500
Total			5,300 feet	\$14,360

In addition to the above, we plan to construct a sub-main sewer from Dedham Avenue to the new school building on Beaufort Avenue near Bond's Corner.

Certain sections of the Town which are developing rapidly, such as the Birds' Hill, Needham Gardens, Needham Acres, Carleeta Park and Oak Hill districts, were not included in the original sewerage plan as submitted by the engineer in 1923. During the coming year we plan to make the necessary surveys, prepare plans and cost estimates for sewerage in these districts.

We are pleased to acknowledge the co-operation received from other departments, particularly the Highway Department; also the Fire Department from whom our department has obtained hose necessary for flushing the sewers.

Respectfully submitted,

GEORGE A. LORD,
FRANK L. FLOOD,
EDWARD SEAVER,
Sewerage Commissioners.

SUPERINTENDENT'S REPORT

Needham, Mass., December 31, 1929.

To the Sewerage Commissioners:

Gentlemen:—I submit for your consideration the fourth annual report of the Sewer Department.

FINANCIAL STATEMENT

Construction Account

Balance of previous year	\$370 14
Appropriation from Assessment Re-serve Fund — Article 14 of March, 1929	\$6,000 00
Appropriation from Free Cash — Article 15 of March, 1929	5,000 00

Loan in accordance with Chapter 324 of Acts of 1928 to be paid in accordance with General Laws, Chapter 44, Section 19 .	\$25,000 00	
Appropriation from Assessment Reserve Fund — Article 9 of June, 1929	9,000 00	
	<hr/>	\$45,000 00
Premium on Bond Issue		239 86
Interest		249 72
		<hr/>
Total		\$45,859 72

Expenditures:

Superintendent	\$192 75	
Auto (cost and maintenance) ..	1,192 60	
Labor	27,905 92	
Vitrified Pipe	4,487 88	
Manhole Frames and Covers ..	756 00	
Jointing	925 99	
Tools and Equipment	894 61	
Cement	993 45	
Brick	152 06	
Lumber	736 39	
Sand and Gravel	118 12	
Street Patch	1,414 69	
Engineering	1,922 37	
Miscellaneous	1,737 67	
	<hr/>	
Total expenditures		43,430 50
		<hr/>
Balance		\$2,429 22

Inventory:

Manhole Frames and Covers ..	\$98 00	
Jointing	85 00	
Pipe	680 75	
Lumber—3,775 bd. ft. at \$30 .	113 25	
Auto	375 00	
Tools and Equipment	200 00	
Compressor	600 00	
	<hr/>	
Total	\$2,152 00	
Charged to streets constructed.	1,175 00	
	<hr/>	

Value of materials not charged	\$977 00
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Maintenance Account

Appropriation	\$5,900 00
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Expenditures:

Superintendent	\$2,094 12
Clerk	1,144 00
Labor	801 93
Auto	249 09
Telephone	93 86
Office Supplies	213 72
Tools and Equipment.....	121 56
Insurance	75 00

Total expenditures	\$4,793 28
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Balance	\$1,106 72
---------------	------------

Inventory:

Town Property belonging to Dept.

Furniture and Fixtures	\$365 00
Surveying Instruments.....	450 00
Truck	50 00
Office Supplies	75 00
Engineering Supplies	100 00
Tools and Equipment.....	225 00

Total	\$1,265 00
-------------	------------

House Connection Account

Receipts:

Advanced Loan	\$10,000 00
Deposits made by applicants ..	7,683 28

Total	\$17,683 28
-------------	-------------

Expenditures:

Superintendent	\$466 07
Auto	150 05
Labor	4,660 84
Vitrified Pipe	490 83
Cast Iron Pipe	245 35
Jointing.....	386 89
Cement, Brick, etc.....	21 15
Tools and Equipment.....	410 46
Insurance	187 00

Total expenditures	\$7,018 64
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Balance	\$10,664 64
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Inventory:

Vitrified Pipe	\$295 00
Cast Iron Pipe	57 50
Tools	260 00
Misc. Supplies and Equipment.	70 00
Jointing.....	108 35
Completed Work Unpaid December 31, 1929.....	43 12

Total	\$833 97
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SUMMARY OF SEWERAGE STATISTICS FOR THE YEAR ENDING DECEMBER 31, 1929

General

Population by census of 1925	8,977
Estimated population for 1926	9,200
Estimated population for 1927	9,600
Estimated population for 1928	9,900
Estimated population for 1929	10,300
Total area of Town	12.75 square miles
Area served by sewerage system....	.70 square miles
Estimated population using sewerage System	2,350
Total length	11.50 miles

Disposal

Method, discharge into South Metropolitan Sewerage System.	
Payment for maintenance, South Metropolitan System	\$3,302 54
Payment for Sinking Fund, South Metropolitan System	2,924 55
Payment for interest, South Metropolitan System	5,738 15
Payment for serial bonds, South Metropolitan System	514 60
Third annual payment on entrance fee to South Metropolitan System ...	11,103 38
Construction Deficit	107 33
Fourth annual payment on \$150,000 bond	5,000 00
Payment for interest on bond.....	5,300 00
Estimated average discharge for year.	185,000 G. P. D.
Estimated average discharge for each user	79 G. P. D.

Estimated average discharge of factory wastes	18,500 G. P. D.
Estimated average leakage per mile of sewer	5,000 G. P. D.
Estimated average leakage into sewers	60,000 G. P. D.
Estimated water consumption per day per capita	60.5 Gallons
Estimated rate of flow of entire gravity district of 15 miles as completed ..	{ 490,000 Minimum 610,000 Maximum
Estimated rate of flow for present system.....	195,000 G. P. D.

Valuation

Cost of mains	\$249,729 32
Bonded debt:	
1925 issue at 4%	130,000 00
1929 issue at 5%	25,000 00
1929 temporary loan	5,000 00

Assessments

Method and Rate: 64c per linear foot of frontage and
1c per square foot of area drainable within 100
feet of street line.

Proportion of cost of system assessed on abutters.... 66 $\frac{2}{3}$ %

Assessments Levied

1926	\$69,809 93
1927	11,852 15
1928	34,966 17
1929	35,330 90
Total	<hr/> \$151,959 15

Assessments Received

Total receipts to December 31,	
1928	\$58,063 54
Total receipts during 1929.....	21,043 83
	<hr/>
	\$79,107 37
Outstanding	<hr/> \$72,851 78
Distribution of receipts:	
1926 apportion-	
ments	\$7,748 64
1926 payments in	
full	38,093 31
	<hr/>
	\$45,841 95

1927 apportion-		
ments	\$897 82	
1927 payments in		
full	8,411 94	
	<hr/>	\$9,309 76
1928 apportion-		
ments	\$3,643 00	
1928 payments in		
full	15,076 42	
	<hr/>	18,719 42
1929 apportion-		
ments	\$901 33	
1929 payments in		
full	4,334 91	
	<hr/>	5,236 24
		<hr/>
Total receipts		\$79,107 37

Interest Received

Total interest to December 31,		
1928	\$3,914 38	
Total interest during 1929	2,362 62	
	<hr/>	
Total interest		\$6,277 00
		<hr/>
Total receipts plus interest ...		\$85,384 37

Transferred to Construction Account

Appropriation for 1927	\$19,000 00	
Appropriation for 1928	16,000 00	
Town properties assessed	5,458 49	
Loan in accordance with Article		
44 of March, 1928	15,000 00	
Interest on loan	375 00	
Appropriation — March, 1929 ...	6,000 00	
Appropriation — June, 1929	9,000 00	
	<hr/>	70,833 49
		<hr/>
Balance		\$14,550 88

House Connections

By whom made	Town Forces
Sizes	5''-6''
Number made during year	98
Number discontinued during the year	None
Linear feet laid during year	6,022½ feet
Linear feet discontinued during the year ...	None
Total miles in use	3.70 miles

Average length per connection	61.4 feet
Average cost per foot of connection	\$1.28
Number of stoppages coming to attention of Department	None
Total cost paid by	Applicant

SUMMARY OF HOUSE CONNECTIONS

	Possible Connections	Completed Connections	Per Cent Completed	Partially Installed To House
Bradford Street	35	5	14	..
Brookline Street	3	2	66	..
Cedar Place	7	2	28	..
Chapel Street	7	6	85	..
Chestnut Road	8	8	100	..
Chestnut Street	33	12	36	..
Dedham Avenue	35	13	37	..
Garden Street	6	4	66	..
Gibson Street	5	2	40	..
Glendon Road	2	1	50	..
Grant Street	19	10	55	..
Great Plain Avenue	26	15	58	1
Greendale Avenue	20	1	5	..
Harris Avenue	4	..	..	..
Hemlock Street	6	3	50	..
Highland Avenue	65	36	55	..
Howland Street	11	5	45	..
Hunnewell Street	9	6	66	..
Kimball Street	9	4	44	..
Kingsbury Street	12	..	..	..
Lincoln Street	23	11	48	..
Linden Street	21	8	38	..
Manning Street	39	8	21	..
Manson Road	5	3	60	..
Maple Street	39	22	56	..
Maple Terrace	4	3	75	..
Mark Lee Road	9	6	66	1
May Street	4	1	25	..
Mayo Avenue	26	4	15	..
Mellen Street	14	8	57	..
Metropolitan Sewer .....	..	3	..	..
Oak Street	3	2	66	..
Otis Street	8	5	62	..
Parkinson Street	7	3	42	..
Pleasant Street	22	6	27	..
Pickering Place	6	3	50	..
Pickering Street	21	6	28	..
Powers Street	7	3	42	..
Tower Avenue	4	2	50	..
Warren Street	66	27	45	..
Washburn Avenue	12	5	42	6
Webster Street	87	19	22	..
West Street	10	9	90	..
Total	759	302	40%	8

SUMMARY OF SEWERS AS CONSTRUCTED DURING 1929

LOCATION	FROM	TO	Length Feet	Size Inches	M. H.	Total Cost	Cost Per Foot
Parkinson Street	Webster Street	DeLue Street	875	8	2	\$2,025 73	\$2 32
Otis Street	Station 2 + 58	Easterley	92	8	..	158 83	1 73
Garden Street	Great Plain Avenue	Eaton Square	170	8	1	1,169 25	4 29
Gibson Street	Manning Street	Summit	325	8	1	824 80	2 54
Hemlock Street	Manning Street	Page Road	497	8	1	992 71	2 22
Powers Street	Webster Street	DeLue Street	776	8	2	2,237 73	2 88
Maple Terrace	Maple Street	Linden Street	305	8	1	554 55	1 82
Oak Street	Maple Street	Linden Street	324	8	1	843 67	2 60
Greendale and Tower Ave.	Central Street	Station 6 + 75	675	8	4	2,112 33	3 12
Warren Street	Station 3 + 0	May Street	575	8	2	1,605 43	2 79
Warren Street	Interceptor	Norfolk Street	325	8	1	791 20	2 43
Harris Avenue	Bradford Street	Mayo Avenue	385	10	2	1,354 25	4 23
Mayo Avenue	Harris Avenue	Great Plain Avenue	1,000	8	3	2,373 85	2 37
Dedham Avenue	Bradford Street	Pleasant Street	817	8 & 10	2	1,752 59	2 16
Great Plain Avenue	Warren Street	Webster Street	700	8	2	2,345 66	3 35
Oak Street	Linden Street	Henderson Street	1,044	12	3	3,956 40	3 79
Glendon Road	Great Plain Avenue	Northerly	232	8	..	659 72	2 87
Grant Street	Garfield Street	Northerly	100	6	..	378 54	3 78
Webster Street	Dedham Avenue	Rosemary Street	4,733	12	17	12,826 38	2 71
Kingsbury Street	Pickering Street	Webster Street	1,050	6 & 8	5	2,600 27	2 47
Total of streets constructed during year			15,000	....	50	\$41,563 89	\$2 77
Extending manhole in Memorial Park						109 54	
Street Patch on 1928 work, Garden, Webster and Pleasant Streets						805 07	
Credit for use of compressor by Highway Department						\$42,478 50	
						25 00	
Value of materials on hand						\$42,453 50	
						977 00	
Total expenditures for the year						\$43,430 50	

Summary of Sewers Constructed Since 1925

YEAR	Total Cost	Length	Cost Per Ft.
1925 and 1926	\$152,024 24	28,041 ft.	\$5 44
1927	19,186 29	4,818 ft.	3 98
1928	36,954 90	12,687 ft.	2 91
1929	41,563 89	15,000 ft.	2 77
Total	\$249,729 32	60,546 ft.	\$4 12

The costs of engineering, plans, assessments, tools, equipment, auto and compressor are included in the above charges.

Conclusion

The construction of 15,000 linear feet of street sewers and 6,022 feet of house connections has been the essence of this year's work. Construction was started April 15 with a force of twenty-four men, Otis, Powers, and Parkinson Streets being the first to be completed in order that the construction work of the Highway Department might not be delayed.

The trunk line sewer running from Linden Street to Henderson Street was constructed this year at a cost much below the average for this type of work due to the exceptional dry season.

Webster Street was constructed from Dedham Avenue to the Summit at Rosemary Street, thereby providing service for the new high school and permitting the installation of the main sewer and house connections previous to street resurfacing work by the Highway Department.

Various other sewers have been installed as shown on the accompanying tabulation. Construction continued throughout the year with an average force of thirty-four men. All work has been completed except Kingsbury Street which will be finished on or about January 15 at a total cost of approximately \$3,500.

Assessments have been levied on all streets except Grant and Kingsbury Streets amounting to about \$3,200 which will be levied on or about February 15.

The manhole in Memorial Park was extended about eleven feet to meet the finished grade of the fill.

The contract for furnishing and delivering Vitrified Sewer Pipe was awarded to Waldo Bros. Co., the lowest bidder.

All resurfacing of sewer trenches has been done by the Highway Department at a very low cost to this Department. Webster, Manning, Pleasant and Garden Streets, which were constructed in 1928, have been resurfaced this year as were all other streets, except Kingsbury Street which will be completed in the spring as soon as the weather permits.

A systematic process of cleaning and flushing has been carried on which has prevented the general accumulation of sewage disposal from buildings on lines where only a few houses are connected.

Acknowledgments

In closing this report the Superintendent most heartily thanks the other department heads who have so readily rendered their assistance and co-operation, and all those who in any way associated with him in an effort to make this year's work successful.

Very respectfully,

LESTER C. HOLLIS,
Superintendent.

REPORT OF DEPARTMENT OF PUBLIC WELFARE

December 31, 1929.

To the Citizens of the Town of Needham:

In 1914 when the Board of Public Welfare was established, we had 46 cases and they cost the Town \$6,364.40, in 1929 we had forty-two cases and expended \$16,949.64.

We have had a great many calls for assistance this winter owing to the lack of work. If anyone has clothing, either children's or adults', in good condition, the Department of Public Welfare can generally place such articles in the hands of worthy people.

Mr. George E. Wye left in his will \$9,023.43, the interest from which to be expended for the poor of Needham. The Board thinks that the interest, namely, \$360 for the next year should be used for minor operations and soldiers' relief outside our general appropriation. We thank the several organizations in the Town for their co-operation in the Public Welfare Work.

Respectfully submitted,

ALFRED T. BAKER, *Chairman*,
CATHERINE F. TAPPAN,
EVAN C. THORPE.

STATEMENT OF APPROPRIATIONS AND EXPENDITURES

1929 Expenditure.....	\$16,046	28	1929 Appropriation	\$17,000	00
Balance Unexpended ..	953	72			
	<u>\$17,000</u>	<u>00</u>		<u>\$17,000</u>	<u>00</u>
Deficiency Expenditure	\$903	36	1928 Deficiency		
Balance Unexpended ..	96	64	Appropriation	\$1,000	00
	<u>\$1,000</u>	<u>00</u>		<u>\$1,000</u>	<u>00</u>
Expended from 1929 Appropriation	\$16,046	28			
Expended from 1928 Deficiency Appropriation	903	36			
Total Expenditure for Year 1929	<u>\$16,949</u>	<u>64</u>			

RECORD OF CASES FOR YEAR 1929

No. of Cases	Per-sonnel	Duration of Aid	Type of Aid	Amount
466	3	52 weeks	Cash	\$520 00
232	5	48 weeks	Cash	1,005 00
248	2	20 weeks	Cash	180 00
216	4	52 weeks	Cash and Fuel	768 00
259	4	3 weeks	Cash	36 00
270	3	13 weeks	Cash and rent	205 00
230	4	52 weeks	Cash	936 00
227	2	48 weeks, 4 days	Board	363 43
199	3	52 weeks	Cash	208 00
249	1	20 weeks	Cash and rent	160 00
343	1	52 weeks	Cash and medicine	366 00
235	2	3 weeks	Cash	21 00
255	1	52 weeks	Cash	364 00
241	6	11 weeks	Cash and fuel	150 90
256	1	52 weeks	Cash and fuel	320 25
271	1	13 weeks	Cash	104 00
223	1	52 weeks	Board	520 00
234	1	52 weeks	Board and Med. Atten.	269 00
250	8		Groceries	6 83
444	1	39 weeks	Board	195 00
252	4	9 weeks	Cash	128 00
421	3	25 weeks	Cash	200 00
431	3	4 months	Cash, fuel, rent and Med. Atten.	132 50
219	3	52 weeks	Cash	780 00
226	1	52 weeks	Rent	168 00
207	1	52 weeks	Cash	468 00
263	5	52 weeks	Cash, fuel and Med. Atten.	963 50
265	6	27 weeks, 4 days	Cash, rent, fuel, groc., Med. Atten.	459 93
267	7	11 weeks	Cash and fuel	140 25
220	1	39 weeks	Board	195 00
261	2	45 weeks	Cash	540 00
335	1	52 weeks	Board	104 00
258	5	42 weeks	Cash, fuel and Med. Atten.	726 75
262	9	15 weeks	Fuel and cash	221 80
251	2	52 weeks	Cash and fuel	606 75
252	5	52 weeks	Cash	832 00
273	2	38 weeks	Cash	446 00
59	1	52 weeks	Board	312 00
416	1	52 weeks	Cash	260 00
461	3	52 weeks	Cash	510 00
254	11	40 weeks, 1 day	Cash, fuel, board, Mis.	641 13
244	6	8 weeks	Cash	96 00
Total Aid Rendered.....				\$15,630 02
Miscellaneous Expense				116 26
Agent's Salary				300 00
Total Expenditure				\$16,046 28
Reimbursements during 1929				3,554 63
Net Expenditure				\$12,491 65

COMPARATIVE CLASSIFICATION OF AID RENDERED

	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
Board	\$2,001 19	\$1,612 57	\$2,465 63	\$1,302 76	\$1,027 99	\$1,329 50	\$2,251 58	\$2,021 82	\$1,529 85	\$2,883 56
Rent	779 00	605 00	802 00	930 00	953 00	720 00	237 00	818 00	805 00	515 00
Food	776 81	142 67	172 98	316 85	284 32	.....	12 00	153 10	.....	15 26
Fuel	367 95	299 05	355 03	371 48	339 85	160 45	212 78	140 74	93 30	284 20
Medicine and med. aid	41 84	115 71	263 71	200 50	96 00	70 00	88 92	.....	61 50	114 00
Agent's Salary	240 00	290 00	300 00	300 00	300 00	300 00	300 00	300 00	300 00	300 00
Misc. and dept. expense	90 76	451 73	172 97	74 87	31 45	41 66	80 61	186 38	65 25	139 26
Hospital	623 39	832 44	330 35	1,051 79	1,819 38	1,905 45	1,798 39	963 82	148 54	.....
Burials	42 00	146 00	271 00	25 00	.....	232 00	50 00	.....	250 00	.....
Cash disbursements ...	7,103 57	12,978 13	12,519 56	9,960 36	9,322 00	8,337 32	6,692 06	7,760 87	11,741 06	11,795 00
Gross expenditure	\$12,066 51	\$17,473 30	\$17,653 23	\$14,533 61	\$14,173 99	\$13,096 38	\$11,723 34	\$12,344 73	\$14,994 50	\$16,046 28
Reimbursements	1,856 47	4,164 42	11,059 59	4,602 02	4,750 62	4,547 91	6,536 95	2,203 44	2,158 30	3,554 63
Net expenditure	\$10,210 04	\$13,308 88	\$6,593 64	\$9,931 59	\$9,423 37	\$8,548 47	\$5,186 39	\$10,141 29	\$12,836 20	\$12,491 65

COMPARATIVE COSTS OF AID RENDERED

	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
Hospital and infirmary, per person, per day	\$1.79	\$2.11	\$2.58	\$2.07	\$1.86	\$1.90	\$2.39	\$1.76	\$2.06	....
Temporary Aid, including M. A. per case, per day	1.44	1.78	1.70	1.70	1.49	1.40	1.49	1.55	1.58	\$1.63
Boarded or fully supported per person, per week	3.44	3.43	5.00	3.58	4.19	4.99	5.88	6.74	7.06	5.68
Mothers' Aid Cases, per person, per week	2.89	2.92	3.12	2.80	2.65	3.06	3.49	3.65	3.40	4.02
Number of cases aided	36	45	41	33	40	35	30	33	39	41
Number of persons aided	128	165	137	101	125	106	70	96	119	136
Cost per inhabitant	\$1.45	\$1.90	\$.94	\$1.42	\$1.18	\$1.07	\$.57	\$1.13	\$1.43	\$1.25
	(1)	(1)	(1)	(1)	(2)	(2)	(3)	(3)	(3)	(4)

NOTE: (1) Based upon 7,000 population.
 (2) Based upon 8,000 population.
 (3) Based upon 9,000 population.
 (4) Based upon 10,000 population.

NOTE: Average cost per inhabitant for year 1929 as shown above is 94c. This seeming reduction over previous years is accounted for in the fact that the reimbursements in 1922 were for aid rendered in year 1921 and prior. In order to judge the average cost per inhabitant, we suggest that 1921 and 1922 be averaged which shows a cost of \$1.42 for years 1921 and 1922. The low cost for the year 1926, namely 57 cents, is due to reimbursements received during 1926 for aid rendered in prior years.

REPORT OF THE TRUSTEES OF THE NEEDHAM FREE PUBLIC LIBRARY FOR 1929

The year 1929 has been a successful one for our Library; the circulation of books and magazines was sixty-six thousand five hundred and twenty-two (66,522), and a large, but unknown, number were read on the premises.

Our present librarian devotes much time to co-operating with the schools, and with good results. The Trustees are kept informed as to the needs of the schools, and purchase books to meet these needs.

In the spring the Needham Historical Society, relying on the good faith of the Town of Needham and of future boards of library trustees, proposed to build a fire-proof vault in the basement of the Library. The Trustees cordially consented, and in the autumn the fine fire-proof vault, costing about twelve hundred (\$1,200) dollars was completed. The Needham Historical Society has many curious relics illustrating the life of Needham in past years, manuscripts, etc., that should be kept in a safe place. Some valuable records have been given to the Library, or deposited in its care, such as those of Galen Orr Post, Grand Army of the Republic, and the Trustees are glad to have a fire-proof vault in which to keep them. The vault cost neither the Town nor the Library anything.

In consequence of the Town adding six hundred (\$600) dollars to the Library appropriation a year ago, the Trustees were able to install a new charging desk with the latest equipment, and it adds much to the Library. Under the efficient management of Miss Mary E. Glancy the deposit station of the Library in the Harris School has been a success for years, and the Trustees feel that if a room is provided in the new schoolhouse, for the use of the Library, that it would not only be an advantage to the school, but a convenience to the people living in that rapidly growing section of the Town. If the Library had a room in this schoolhouse its usefulness could be extended.

For nearly twenty-seven years Robert Burns Walker has been an active Trustee of the Library, and its secretary for a quarter of a century, and all these years has given the most devoted, intelligent and efficient service to the Library.

It was his purpose to do all that he could to make the Library a credit to our constantly growing Town, and he seemed to feel that his own convenience was not to be considered when there was something to be done for this Library. Kindness, loyalty and integrity characterized all that he did,

and everything at the Library seems changed by his absence. It was a fine service that he gave to the community.

The work of the Librarian and the assistants has been satisfactory to the Trustees, and we think to the public.

Respectfully submitted for the Trustees of the Needham Free Public Library.

GEORGE K. CLARKE, *Chairman.*

January 29, 1930.

NEEDHAM FREE PUBLIC LIBRARY LIBRARIAN'S REPORT

To the Board of Selectmen:

Gentlemen:—I have the honor to submit to you my annual report for the year 1929.

"The worth of a library is measured by the difference it makes in the life of the community." The difference in community life that a library makes is, however, a very difficult and almost impossible thing to measure, since the values are intangible. That there is a Library in the Town, at the service without charge, of every member of the community, surely makes a difference to those who permit it to do so. That every year an increasing number of citizens make use of the Library is a very gratifying and hopeful sign. The Library will be fully contented only when every citizen avails himself of his opportunity.

The Trustees and the Librarian endeavor to choose and have upon the Library shelves the best of the new books, of all kinds, as far as means permit, and to let the community in general know that it is cordially invited to come and borrow them.

During the year the Library has as usual co-operated with the schools. It has deposits of books in three schools, the Harris, Eliot, and Riverside Schools, and loans special collections to other schools for short periods of time. It is hoped that more books may be placed in the schools in the future, and that the deposit of adult and juvenile books at Greendale may be increased by fresh, new books. The Librarian has spoken during the year at the Carter, Harris, and Stephen Palmer Schools, and twice at the Junior High School. The purpose of these visits is to acquaint the children with the resources of the Library, and to encourage their interest in reading.

The Library has assisted club members and students in preparing papers, and at all times has given aid to those engaged in special pieces of work, requiring research. Many

times the resources of our own collection have been supplemented by loans from the libraries of Boston, Newton, and Wellesley.

A new charging desk has been installed, and has greatly relieved the work of the staff in the charging and discharging of books. It affords more space, and enables two or three persons to work simultaneously, without interfering with each other.

During Book Week, in November, the Library showed a special display of fine books for children, and was lent a most interesting collection of dolls in foreign costume by the Misses Evelyn Queen and Harriette Boyd. The Library is greatly in need of more shelving in the Children's Room. The shelves are now overcrowded, and until more shelving is provided, the collection cannot be materially increased. The story hours held during the year met with enthusiastic response from the children, and we hope to have more during the ensuing year.

The members of the staff have attended professional meetings as usual, in order to keep abreast of new developments and methods of work. Mrs. Mary Grout Ellis and Miss Elinor R. Hollis resigned during the year, to the regret of the Librarian and Trustees, who appreciated their good work. Miss Olive Read, from the Springfield (Mass.) Public Library was appointed to succeed Mrs. Ellis, and Miss Evelyn Moore, of Old Town, Maine, to succeed Miss Hollis. Both new appointees have proved most satisfactory.

In 1929 the Library purchased 850 new books. The books already in the collection were repaired by the staff whenever possible, and in addition 632 were rebound. All the books were read and put in order during the summer months.

The loss of the Secretary of the Board of Trustees, Mr. Robert Burns Walker, was a very serious one for the Library. Mr. Walker's delightful, genial personality, his fine spirit, his love of literature, and his aspirations for and great interest in the Library, made him an ideal Trustee and secretary. The Librarian feels a great personal loss in the passing away of a friend, as well as of a valued associate. It is hoped that a suitable memorial for Mr. Walker can be created.

The Librarian wishes to express her thanks for the cordial support and sympathy of the Board, and her appreciation of the willing and loyal efforts of the staff.

The statistical report is as follows:

Library Statistics for 1929

Days the Library was open	301
Total circulation (Main Library and Deposit Stations) ..	66,522

Average daily circulation (Main Library)	200.3
Largest daily circulation (February 23rd)	467
Smallest daily circulation (April 12th)	44
New registrations in 1929	708
Fines collected	\$370 28
Reserve cards mailed	1,115
Overdue notices sent	2,443

Accessions

Books added by purchase	825
Books added by gift	9
Books added by binding	14
Books added by State	4
<hr/>	
Total gain	852
Books withdrawn:	
Lost books	173
Worn out, etc.	146
<hr/>	
	319
Net gain	533

Circulation

Total circulation of books for home use	66,522
Total circulation of magazines	4,503
Total juvenile circulation from Main Library	18,313

Circulation from Main Library by Classes

General works	140
Philosophy	341
Religion	182
Sociology	1,860
Language	324
Science	757
Useful Arts	989
Fine Arts	872
Literature	2,463
History	1,915
Travel	603
Biography	2,062
<hr/>	
Total Non-Fiction	12,508
Fiction	43,521
Magazines	3,992
Duplicate Pay Collection	290
Foreign Books	7
Total circulation from Main Library	60,318

Circulation from Needhamdale Station

Fiction.....	3,922
Non-Fiction	329
Magazines.....	511

Total circulation 4,762

Circulation from Eliot School

Total circulation 917

Circulation from Riverside School

Total circulation 525

Respectfully submitted,

BARBARA ABBOTT,
Librarian.

REPORT OF COMMISSIONERS OF TRUST FUNDS

January 1 — December 31, 1929

Dwight School Fund \$6,000 00

Invested in \$6,000 Town of Needham 3½%
Refunding Bonds of 1932, Numbers 17-
22 inclusive.

Income paid to general fund for benefit of
School Department, \$210.00.

Mary Virginia Hill Fund \$832 03

Income 1929 33 50

December 31, 1929. Balance in
Savings Department Needham
Trust Company—No. 1127....

865 53

The Income has been deposited in the
General Fund for the benefit of the
Public Library.

Greenwood Fund \$12,482 11

Income 1929 \$559 77

The original fund is invested as follows:

Boston Five Cent Savings Bank—No. 791654 ... \$1,837 82

Suffolk Savings Bank—No. 18272..... 1,833 32

Natick Five Cent Savings Bank—No. 42291 ... 1,355 03

Newton Savings Bank—No. 23552 1,040 40

Home Savings Bank—No. 195315 1,191 76

West Newton Savings Bank—No. 4238 1,086 86

Dedham Savings Bank—No. 24479 1,085 81

National Shawmut Bank—Savings Department—
No. 10280 1,551 11

Liberty Trust Company—Savings Department— No. 34229	\$1,500 00
The income has been deposited in the General Fund for the benefit of the Public Library.	
Martha Ann Barr Fund	\$500 00
Income 1929	\$20 00
Savings Account in the Needham Trust Com- pany—No. 4200. Income for 1929 has been deposited in the General Fund for the benefit of the Public Library.	
George E. Wye Fund	\$9,023 43
Savings Account in the Needham Trust Com- pany No. 12254, received December 23, 1929.	

Glover Memorial Hospital Funds

William Carter Company Fund	\$7,241 59
Savings Account in the Needham National Bank — No. 36	
Income 1929.....	292 05
Balance December 31, 1929 ..	\$7,533 64
Horace A. Carter Fund	\$1,000 00
Savings Account in the Needham National Bank — No. 583.	
Income 1929.....	23 39
Balance December 31, 1929 ..	\$1,023 39
Thomas Sutton Fund	\$1,000 00
Savings Account in the Needham National Bank — No. 175.	
Income 1929.....	36 98
Balance December 31, 1929 ..	\$1,036 98
Building Fund	\$6,435 96
Savings Account in the Needham National Bank — No. 37.	
Income 1929.....	281 00
Balance December 31, 1929 ..	\$6,716 96
Building Fund	\$9,241 81
Savings Account in the Needham Trust Company — No. 4159.	
Income 1929.....	372 50
Balance December 31, 1929 ..	\$9,614 31

Lyon Fund	\$5,000 00	
Savings Account in the Needham Trust Company — No. 7545.		
Income 1929.....	202 00	
	<hr/>	
Balance December 31, 1929 ..		\$5,202 00
Seth Fowle Fund		
U. S. Treasury Certificate	\$1,500 00	
U. S. Liberty Bond 4th 4 $\frac{1}{4}$ s No. B 00075032	500 00	
Income 1929.....	103 57	
	<hr/>	
		\$2,103 57
Adeline E. Harris Fund		
U. S. Liberty Bonds 4th 4 $\frac{1}{4}$ s—No. A00648011		\$100 00
Elizabeth Fisher Fund		
U. S. Liberty 1st 3 $\frac{1}{2}$ s — No. 1192771		\$100 00
William Wentworth Fund		
U. S. Liberty 4th 4 $\frac{1}{4}$ s — H03106968		\$50 00

As of December 31, 1929, the above listed U. S. Treasury Certificates and Liberty Bonds have 1929 and subsequent coupons attached.

PRESTON MITCHELL,
AMOS H. SHEPHERDSON,
ARNOLD MACKINTOSH,
Commissioners of Trust Funds.

TOWN OF NEEDHAM
FORTIETH ANNUAL REPORT
OF THE
WATER COMMISSIONERS
FOR THE YEAR 1929



NEWTON
GARDEN CITY PRESS, INC.
1930

ORGANIZATION OF WATER DEPARTMENT

Commissioners

	Term Expires
WILLIAM W. GALLAGHER, <i>Chairman</i>	1931
HENRY THOMAS, <i>Secretary</i>	1930
PHILIP A. RAND	1932

Clerk and Superintendent

GEORGE A. ADAMS

Engineer at Pumping Station

CHARLES H. MITCHELL

Regular Meeting of the Board

Second Tuesday of each month, at 7.30 p.m.

Telephones

Needham 0300, Superintendent's residence
Needham 0349, Assistant Superintendent's residence
Needham 0230-W, Commissioner's office
Needham 1417, Pumping Station

NEEDHAM WATER COMMISSIONERS

Date of Election and Length of Service

John Moseley	1890-1893
James Mackintosh	1890-1896
John M. Hodge	1890-1900
George A. Adams	1893-1896
Edmund G. Pond	1896-1902
Edmund G. Pond	1904-1919
Frederic G. Tuttle	1896-1903
George H. Toone	1900-1912
William Carter	1902-1918
Albert E. Collishaw	1912-1919
Walter K. Queen	1918-1918
Charles W. Jones	1919-1927
Philip A. Rand	1918-(now in office)
Henry Thomas	1919-(now in office)
William W. Gallagher	1927-(now in office)

REPORT OF THE WATER COMMISSIONERS

To the Inhabitants of the Town of Needham, Massachusetts:

We submit herewith the fortieth annual report of the Water Department for the year ending December 31, 1929.

At the annual Town Meeting, Mr. Philip A. Rand was re-elected Water Commissioner for a term of three years.

The Board organized by electing Mr. William W. Gallagher, chairman; Mr. Henry Thomas, secretary; and appointing George A. Adams, clerk and superintendent.

Extension of Mains

The following extensions were made in 1929 under a six percent ten-year guarantee:

Fairview Road, Forest, Green, Henderson, and Grant Streets; Washington Avenue and Laurel Drive.

The laying of mains, to replace the small pipes, in Greenwood and Melrose Avenues, Otis, Parkinson and Powers Streets was made necessary by the building of these streets; and in Oakcrest Road to connect the dead ends in Henderson Street and Overlook Road; thus improving the service.

Extensions of pipe smaller than four-inch were laid in Powers and Parkinson Streets, between Webster and Manning Streets (on account of building these streets) also in Crescent Road, Allen, Bradford, Sargent, Miller, Holland, Fairlawn, and West Streets, and Newell Avenue.

The total cost of the fire-mains in Clarke Road, Chapel and Charles River Streets and the New High School Building, was borne by the owners.

Hydrants

Eleven steamer hydrants have been installed during the year. Owing to the widening and rebuilding of Webster Street and Greendale Avenue it was necessary to set back six hydrants to conform to the new street line, the standard on Webster Street opposite the New High School building, being replaced with a steamer, and all six provided with auxiliary valves so it will not be necessary to shut off the water from the streets to make repairs on the hydrants.

For locations see Superintendent's report.

The hydrants have received their customary inspection and are in good working order.

Increasing and Protecting the Water Supply

The only way to increase the water supply of the Town of Needham, under the present legislative authority, is to

develop a supply within the borders of the Town or obtain a supply from the Town of Wellesley or the City of Newton (both of these municipalities having been given authority by the legislature back in 1890 to supply the Town of Needham with water).

The City of Newton is not in a position to supply water to any territory outside the city limits, as they are now taking water from the Metropolitan to augment their own supply. The Town of Wellesley has developed what seems to be a good supply in the Rosemary Valley, but the Town is growing rapidly and will need this total supply in the near future, so it seems, for the present, at least, that we must develop an additional supply within the borders of the Town.

Having all these facts in mind and realizing that we must have an additional supply of water at once, early in January we employed Mr. Charles W. Sherman of the engineering firm of Metcalf & Eddy of Boston, to make a survey of the water supply of the Town and report on the most feasible plan to increase it.

Mr. Sherman made a thorough study of the situation and replied that it "seems that the most obvious source of additional supply is along the banks of the Charles River." He also suggested the advisability of communicating with the Metropolitan District Commission to see on what terms and conditions a supply could be had from that source. This Commission has authority to supply the Town with water in an emergency, but would require some legislation to furnish a permanent supply.

On February 14, 1929, a communication was sent to the Metropolitan District Commission asking these Questions:

1. Under what conditions and at approximately what cost could the Town enter the Metropolitan District and obtain Metropolitan water?
2. Would the Metropolitan District Commission approve obtaining a water supply from the Sudbury conduit that passes through this Town, either installing a pump and delivering the water to the Town under proper pressure for all purposes, or allowing the Town to do its own pumping?
3. Could and would the Metropolitan District Commission deliver water to the Town under proper pressure for all purposes and at all times from the Bellevue Reservoir?

On January 9, 1930, the following answers were received:

"The Town of Needham could be furnished with water by gravity from the Bellevue Reservoir in West Roxbury, or by pumping the water from Chestnut Hill Reservoir

or from the Sudbury Aqueduct. The cost of making connections from either Bellevue or Chestnut Hill Reservoir would be considerable, and it would seem to the Commission that a supply from the Sudbury Aqueduct is the most desirable.

"The water would be pumped from the aqueduct at the Rosemary Brook blow-offs in Wellesley, where at such times as it was necessary to interrupt the flow of water in the aqueduct water would be held in the three large pipe lines that cross this valley and would be used for supplying the Town. A connection would also be made with the Town of Wellesley pumping station at this place so that water could be obtained from that source in case of emergency.

"To supply the Town of Needham in this way legislative authority would be required for the construction of a small pumping station and a force main to connect the pumping station with the main supply pipe of the Town of Needham in Highlandville.

"If the Town of Needham should be admitted to the District and supplied in this manner the cost of entrance would be \$255,000 based upon figures as of April 1, 1929. The amount would be increased somewhat as of April 1, of the present year and in succeeding years.

"The estimated water assessment for the Town of Needham if supplied from the Metropolitan Water Works for the year of 1929 is \$18,960.

"Under the provisions of Chapter 189 of the Acts of 1928, the Commission may make special arrangements with any town, if desired, regarding the method of paying the amount required for admission to the Water District."

The water supply during the latter part of September was so low it was necessary to get an emergency supply from some source, so we applied to the Metropolitan District Commission for a temporary or emergency supply and permission was given to locate an electrically driven pump on the conduit near Cedar Street but before we could get a report from the Edison Company in regard to running wires to supply the current it was necessary to seek relief elsewhere; and arrangements were made with the Wellesley Water Department to furnish a supply as needed.

Following the advice of Mr. Sherman we have driven a number of test wells on the Glancy land between Great Plain Avenue and the Charles River and on the results of the tests of the water for quality and quantity will depend what action will be taken in the future.

Water Rates

As authorized by vote of the Town in 1924.

The minimum advance water rate on each service shall be \$10 per annum, from April 15 to April 15, and pays for 2,500 cubic feet of water if used between these dates.

Water used in excess of 2,500 cubic feet and under 202,500 cubic feet will be charged at the rate of twenty cents per 100 cubic feet.

Water used in excess of 202,500 cubic feet will be charged at the rate of eleven cents per 100 cubic feet.

Bills for the minimum advance water rate of ten dollars shall be rendered April 15, and will include the charges for excess water for the year ending on that date, except if the water used between April 15 and October 15 in the same year exceeds 2,500 cubic feet a bill for such excess shall be rendered and payable October 15, or, if the meter readings indicate that a large amount of water is being used on any service the bills shall be rendered and payable monthly.

FINANCIAL REPORT OF WATER COMMISSIONERS

Sumner & Dunbar, service stock	\$590 03
Valvoline Oil Company, oil	469 79
Red Hed Mfg. Co., service stock	1,207 02
E. L. LeBaron Foundry Co., valve and services boxes	687 72
A. W. Chesterton Co., supplies for station	57 98
Waldo Bros., fire-brick	12 74
Lewis E. Tracy Co., belting	70 28
Hersey Mfg. Co., meters	1,772 85
Hersey Mfg. Co., meter parts	145 76
Hersey Mfg. Co., meter repairing	218 82
Walworth Co., supplies	5 98
Bay State Belting Co., supplies	59 66
Adams Cushing & Foster, ledgers and supplies ..	66 67
Geo. W. Knowlton Rubber Co., rubber valves ..	127 40
Chapman Valve Mfg. Co., valves	139 52
National-Boston Lead Co., lead	316 52
National Meter Co., repairing meters	72 60
Fore River Coal Co., 137 2210/2240 tons coal at \$7.50	1,034 90
Fore River Coal Co., 222 990/2240 tons coal at \$7.25	1,612 69
Metcalf & Eddy, engineering	885 10
Boston Pipe & Fittings Co., service stock	1,919 19
Bond Co., tools	61 59
Good Mfg. Co., supplies	48 88
<i>Carried forward</i>	\$11,583 69

<i>Brought forward</i>	\$11,583 69
Fred A. Houdlette & Sons, iron pipe	4,425 85
New York, New Haven & Hartford R.R. Co., freight	1,091 38
George Caldwell, fittings	3 17
Builders Iron Foundry, castings	14 86
Cement Lined Iron Pipe Co., pipe	801 49
Star Products Co., office supplies	12 50
R. L. Harper, wrench	3 75
Union Meter Co., lining machine and cones ...	112 17
Elliot Andrews, bicycle	10 00
Standard Mailing Machine Co., office supplies .	11 76
Garden City Press, printing	17 64
Mario Pandolf Co., trenching	5,038 80
Ludlow Valve Mfg. Co., valves and hydrants ..	1,132 41
Jenkins Bros., valves	17 94
Hodge Boiler Works, gaskets	21 00
Braman Dow Co., pipe	81 03
Bristol Co., charts	7 09
Chandler & Farquhar Co., die stock	3 06
William Norcross, cement	5 00
Federal Packing Co., metallic packing	11 26
Worthington Pump & Machinery Corp., parts and repairing pump	314 92
Mansfield Foundry, castings	7 58
Gould Pump Mfg. Co., valves	8 52
Falls Clutch Machine Co., pulley	4 40
Town of Wellesley, water	1,594 42
Adams Bros., supplies	196 70
Suburban Hardware Co., supplies	111 95
Modern Garage, supplies and repairing	397 06
T. J. Crossman Co., supplies	75 56
Ladd & Thomas, storage and repairing	131 70
H. S. Locke & Son Co., cement and lumber ...	49 28
Needham Chronicle, office supplies	82 77
Stephen Roklan, sharpening and repairing tools.	55 65
Henry Thomas Co., supplies and repairing	1,004 95
J. E. Quigley, sharpening and repairing tools ..	49 85
F. J. Buckley, fittings	128 92
R. S. Adams, running auxiliary pump	520 00
C. E. Stanwood, collecting rates	300 00
Town of Needham, insurance	115 00
New England Tel. & Tel. Co., telephone service	212 44
Edison Electric Ill. Co., light	104 35
Edison Electric Ill. Co., power	1,743 98
Q. P. Signal Co., packing	40 57
Needham Post-Office, stamped envelopes	65 82

Carried forward \$31,722 24

<i>Brought forward</i>	\$31,722 24
Needham Service Shop, charging batteries	1 50
American Railway Express, expressing	9 14
Abel Stevens, drilling and blasting	40 39
Hanna's Express, expressing	44 85
Lawson's Express, expressing	1 70
Matthe's Express, expressing	3 00
H. N. Mitchell, insurance	477 88
W. A. Edwards, hauling pipe	154 00
Needham Motors Co., storage and repairing	80 52
Nicholas O'Brien, repairing car	6 00
S. Rosenblatt, iron sink	1 50
Mar-Berg Press, printing	16 03
E. B. Allen, melting furnace	50 00
A. J. Morgan, screen door	12 50
J. Derenzo, trenching	9 35
Carpenter Mfg. Co., spot light	12 09
Roger & McClellan, soda-ash	6 00
W. S. Darley, finder	17 15
J. Cushing, straw	1 50
E. F. Hughes, driving test wells	1,361 57
W. T. Wilson, repairing furnace	34 40
Registry of Motor Vehicles, registration of cars	5 00
G. A. Adams, cash paid for supplies	10 20
Refunds on over payments	17 58
George A. Adams, superintendent	2,860 00
Charles H. Mitchell, chief engineer	1,944 80
George G. Mitchell, assistant engineer	1,944 80
Caroline Stretton, clerk	1,245 00
R. S. Adams, assistant superintendent	2,340 00
J. Wallace Eagan, labor	1,587 30
Russell Emery, labor	1,456 00
Frank Vecchio, labor	1,404 00
Frank Castiloni, labor	1,404 00
Joe Vecchio, labor	1,404 00
Louis Cloutier, labor	799 88
Adolph Miller, labor	127 51
	<hr/>
	\$52,613 38
Interest on bonds	4,356 42
Payment of bonds	7,034 96
	<hr/>
	\$64,004 76

Long Term Bonds

Bonds to the amount of ten thousand dollars have matured and been paid during the year.

Outstanding Bonds

1930	\$11,000
1931	8,000
1932	8,000
1933	9,000
1934	7,000
1935	7,000
1936	7,000
1937	7,000
1938	1,000
1939	1,000
1940	1,000
1941	1,000
1942	1,000
1943	1,000
1944	1,000

Total outstanding bonds	\$71,000
Total bonds matured and paid	259,000
<hr/>	
Total authorized and issued	\$330,000

Short Term Bonds

Bonds to the amount of twenty thousand dollars were issued in 1929 as per vote of the Town. The last four thousand dollars of the bonds issued in 1924, and three thousand dollars of those issued in 1926 have been paid in 1929.

Bonds of the two issues are due as follows:

	1926 Bonds	1929 Bonds	Total
1930	\$3,000 00	\$4,000 00	\$7,000 00
1931	3,000 00	4,000 00	7,000 00
1932		4,000 00	4,000 00
1933		4,000 00	4,000 00
1934		4,000 00	4,000 00
<hr/>		<hr/>	<hr/>
	\$6,000 00	\$20,000 00	\$26,000 00

Respectfully submitted,

WILLIAM W. GALLAGHER,
HENRY THOMAS,
PHILIP A. RAND,

Water Commissioners.

SUPERINTENDENT'S REPORT

To the Honorable Board of Water Commissioners:

Gentlemen: I present herewith the report of this Department for the year ending December 31, 1929.

Summary of Receipts

Cash in treasury, January 1, 1929		\$5,679 39
Water rates	\$50,440 21	
Repairs	581 40	
Fines	78 20	
Rent of building	100 00	
Sale of ashes and use of telephone	15 35	
Sale of junk	4 00	
Interest on bank balances	221 20	
		51,440 36
		\$57,119 75
Extension of services	\$3,805 01	
Sale of meters	196 00	
Sale of bonds	20,191 89	
		\$24,192 90
		\$81,312 65

Summary of Expenditures

Extension of main	\$15,913 15	
Extension of services	7,095 48	
Purchase of meters	1,766 58	
Increasing and protecting	2,246 67	
Payment of bond	7,000 00	
Printing of bonds	34 96	
		\$34,056 84
Coal	\$2,647 59	
Engineers	3,889 60	
Lighting station	104 35	
Labor on station and grounds	151 81	
Telephone service	46 25	
Supplies for station	1,013 69	
Pump parts and repairing	323 44	
Insurance on buildings	115 00	
Repairing and repiping station ..	909 61	
Power for new station	1,743 98	
Labor at new station	520 00	
		\$11,465 32
<i>Carried forward</i>		\$45,522 16

<i>Brought forward</i>		\$45,522 16
Office and meter reading	\$1,688 49	
Telephone service	139 67	
Printing, stationery and postage ..	328 13	
Treasurer's Department	300 00	
Salaries	2,860 00	
Liability insurance	477 88	
Expense on autos	843 68	
Labor and material on leaks	753 99	
Repairing, parts and care of meters	919 34	
Labor, supplies, and general re-		
pairing	4,203 00	
Refund	17 58	
Town of Wellesley for water	1,594 42	
		\$14,126 18
Interest on bonds and loans		4,356 42
Cash in treasury December 31, 1929		17,307 89
		<hr/>
		\$81,312 65

MAINTENANCE ACCOUNT

Receipts

Balance January 1, 1929	\$5,679 39	
Rates, etc.	51,440 36	
		<hr/>
		\$57,119 75

Expenditures

Orders drawn	\$25,591 50	
Interest on bonds	4,356 42	
Transferred to construction ac-		
count	9,863 94	
		<hr/>
		39,811 86
Cash in treasury December 31, 1929		17,307 89
		<hr/>
		\$57,119 75

Assets

Cash balance	\$17,307 89	
Amount due from all sources less		
abatements		
Water rates \$1,646.06 less		
\$40.00	1,606 06	
Repairs	18 65	
		<hr/>
		\$18,932 60

CONSTRUCTION ACCOUNT**Receipts**

Sale of bonds and premiums		\$20,191 89
Extension of services	\$4,001 01	
Transferred from earnings of department	9,863 94	
	<hr/>	\$13,864 95
		<hr/>
		\$34,056 84

Expenditures

Orders drawn	\$27,021 88	
Payment of bond	7,034 96	
	<hr/>	\$34,056 84

Assets

Amount due this account	\$336 30
-----------------------------------	----------

Appropriations

	Appropriation	Expended to Date
Needham Gardens	\$10,000 00	\$6,504 30
Fairfield Street	1,900 00	1,113 38
Cedar Street	5,200 00	4,352 33
	<hr/>	<hr/>
	\$17,100 00	\$11,970 01
Unexpended balance December 31, 1929		5,129 99
		<hr/>
		\$17,100 00

Cost of Works

Cost of works as reported December 31, 1928	\$544,277 78
Expended in 1929	33,720 54
	<hr/>
	\$577,998 32

Meters

One hundred and fifty-five meters have been purchased, twenty-one condemned and renewed, making two thousand eight hundred and seven in the department.

LIST OF METERS

NAME AND SIZE	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	1 $\frac{1}{2}$ in.	2 in.	Total
Buffalo					1	1
Crown	30	1				31
Empire	4			1		5
Hersey Rotary	71	1	5	3	1	81
Hersey Disc (F)	2,145	1	30	7	3	2,186
Lambert	37		1			38
Nash	51		1			52
Torrent				1	1	2
Trident	401	1	7			409
Worthington	2					2
Total	2,741	4	44	12	6	2,807

Services

One hundred and forty-seven services have been added during the year and six discontinued, making a total of two thousand eight hundred and thirty. Seventy-one are shut off temporarily. The length of service pipe laid is 12,730.8 feet, discontinued 1,721.9 feet. The balance added to the amount reported December 31, 1928, makes a total of 252,982.1 feet or 47.91 miles.

There are thirty-three fire service mains.

STEAM PUMPING PLANT

Water Pumped in 1929

Five Per Cent Allowed for Slip of Pumps

MONTHS	Gallons Pumped in 1929	Average Per Day in Each Month	Coal Con- sumed Includ- ing Heating Buildings and Banking Fires	Average Number Gallons Pumped Per Pound Coal
January	17,670,000	570,000	62,000	285.0
February	15,295,000	546,250	53,000	288.4
March	17,708,000	571,225	70,000	252.9
April	17,233,000	574,433	70,000	246.1
May	18,639,000	601,258	70,000	266.2
June	19,095,000	636,500	70,000	272.7
July	17,328,000	558,967	70,000	247.5
August	17,613,000	568,161	61,000	288.8
September	15,371,000	512,366	60,000	256.1
October	14,098,000	454,774	50,000	281.9
November	12,122,000	404,066	60,000	202.0
December	13,072,000	421,674	62,000	210.8
Total	195,244,000	534,915	758,000	257.5

Largest week ending June 16	5,240,000 gals.
Smallest week ending November 16	2,830,000 gals.
Largest day, April 15	860,000 gals.
Smallest day, November 12	320,000 gals.
Average coal per day	2,076 lbs.

TOTAL WATER PUMPED AND PURCHASED

MONTHS	Gallons Pumped by Steam Pump	Gallons Pumped by Auxiliary Pump	Gallons Pur- chased From Wellesley	Total Gallons
January	17,670,000	1,800,250	.....	19,470,250
February	15,295,000	1,895,250	.....	17,190,250
March	17,708,000	1,496,250	.....	19,204,250
April	17,233,000	1,581,750	.....	18,814,750
May	18,639,000	1,391,750	.....	20,030,750
June	19,095,000	2,289,500	.....	21,384,500
July	17,328,000	2,550,750	.....	19,878,750
August	17,613,000	2,508,000	.....	20,121,000
September	15,371,000	2,945,000	287,280	18,603,280
October	14,098,000	3,025,750	2,226,420	19,350,170
November	12,122,000	3,078,000	2,154,600	17,354,600
December	13,072,000	3,923,500	1,795,545	18,791,045
Total	195,244,000	28,485,750	6,463,845	230,193,595
Average per day ...	534,915	78,043	71,820	630,667

Water pumped since works were established December, 1890.

Year	Gallons
1890	1,185,637
1891	9,278,008
1892	23,963,508
1893	34,744,726
1894	40,959,255
1895	50,771,384
1896	53,599,032
1897	65,949,410
1898	77,202,200
1899	81,799,375
1900	81,684,617
1901	84,306,557
1902	100,350,737
1903	107,580,370
1904	100,176,526
1905	103,487,396
1906	124,785,658
1907	115,107,418
1908	129,830,392
1909	122,375,400
1910	121,317,391
1911	112,630,728
1912	130,140,606
1913	125,732,521
1914	144,269,698
1915	147,910,000

Year	Gallons
1916	151,240,000
1917	138,240,000
1918	168,460,000
1919	140,440,000
1920	164,820,000
1921	158,080,000
1922	170,040,000
1923	177,460,000
1924	182,532,000
1925	187,941,944
1926	221,945,000
1927	226,331,100
1928	227,625,050
1929	230,193,595

Annual Revenue

Revenue since works were established, excluding income received from the Town for water for public purposes:

1890	\$505 99
1891	2,318 45
1892	3,125 75
1893	4,205 75
1894	5,096 07
1895	5,826 42
1896 (ten months)	5,362 11
1897	6,629 75
1898	6,808 11
1899	7,334 06
1900	7,857 09
1901	7,593 08
1902	7,890 28
1903	8,959 75
1904	9,156 81
1905	9,397 11
1906	12,285 20
1907	11,051 37
1908	12,391 19
1909	12,378 89
1910 (new rate \$6.00 minimum)	10,995 10
1911	14,080 56
1912	14,461 30
1913	14,865 69
1914	17,419 34
1915	18,907 14
1916	21,395 40
1917	21,977 69
1918	22,336 06

1919	\$25,094 02
1920	25,258 86
1921	24,892 80
1922	25,682 80
1923	28,859 42
1924 (new rate \$10.00 minimum) ..	35,820 47
1925	40,097 10
1926	41,694 91
1927	44,293 69
1928	47,296 37
1929	51,961 39

EXTENSION OF MAIN IN 1929

STREETS	LOCATION	Pipe			Gates		Hydrants
		8"	6"	Total	8"	6"	
Cedar	from 1927 ext. to Wellesley line.....		714.6	714.6	..	2	1
Chapel.....	Fire Service .....				..	1	..
Charles River...	Fire Service .....				..	1	..
Clarke Road...	from Forest St. east	440.9		440.9	1	..	1
Fairview Road ..	from 1912 ext. east		127.5	127.5	..	..	..
Forest	from Burrill Lane to Clarke Road.....	1,056.2		1,056.2	2	..	1
Grant	from Kimball St. south ..		487.0	487.0	..	1	1
Green	from 1927 ext. north.....		269.0	269.0	..	..	..
Greendale Ave. .	Hydrant connections .....				..	3	..
Greenwood	from 1925 ext. to Powers		60.1	60.1	..	1	..
Henderson	from 1924 ext. to Oakcrest.....		353.2	353.2	..	1	1
Laurel Drive ...	from 1928 ext. east		619.0	619.0	..	..	1
Melrose Ave. ...	from Powers St. north ...	61.5		61.5	1	..	1
Oakcrest Rd. ...	from Henderson to Overlook		74.2	74.2	..	..	..
Otis	from Manning to DeLue		516.5	516.5	..	2	2
Parkinson	from Manning to DeLue		505.1	505.1	..	2	1
Powers	from Manning to Melrose ..	493.8	507.8	1,001.6	1	2	1
Washington Ave.	from 1914 ext. north.....		178.5	178.5	..	1	..
Webster	Hydrant con. and fire ser. ....				..	4	..
Hydrant conn. .	.....		135.7	135.7	..	..	..
Total .....	.....	2,052.4	4,548.2	6,600.6	5	21	11

Location of Steamer Hydrants

Location	Number
Babson Park Avenue	1
Beaufort Avenue, Needham Gardens	3
Burrill Lane	1
Cedar Street	3
Chapel Street	1
Clarke Road	1
Concord Street	1
Eaton Road	3
Fairfield Street	1
Forest Street	1
Garden Street	2
Gayland Road	1
Grant Street	1
Great Plain Avenue, corner of Garden Street	1
Grove Street, first from Charles River Street	1
Hawthorn Avenue	2
Henderson Street	1
Highland Avenue, corner of Chapel Street	1
Highland Avenue, corner of Hunnewell Street	1
Kingsbury Street	1
Laurel Drive	4
Lexington Street	1
Melrose Avenue	1
Newell Avenue	2
Oakhurst Circle	1
Otis Street	2
Parkinson Street	1
Powers Street	1
Sachem Road, corner of Highland Avenue	1
Tower Street	1
Warren Street, Oak Hill	1
Webster Street, opposite New High School	1
Total	45

LIST OF PIPES LAID TO DECEMBER 31, 1929

STREETS	DIAMETER AND LENGTH OF PIPE										Total	GATES					Hydrants
	18 in.	16 in.	14 in.	12 in.	10 in.	8 in.	6 in.	4 in.	16 in.	12 in.		10 in.	8 in.	6 in.	4 in.		
Alfreton Road								470.3	470.3						1	1	
Ardon								214.2	214.2						2	2	
Avery								736.8	736.8						3	2	
Avondale Road								235.5	235.5						1	1	
Babson Park Ave.						228.5			228.5				1			1	
Beaufort Ave.						1,317.9			1,317.9				6			3	
Bennington							647.7		647.7						2	1	
Birds' Hill Ave.		1,033.5				372.5			1,406.0	1			1			3	
Bradford								1,320.3	1,320.3						3	1	
Brookline								1,301.5	1,301.5						2	2	
Brookside Road								1,843.0	1,843.0						2	3	
Burrill Lane						1,724.1			1,724.1				2			1	
Carter								760.0	760.0						1	1	
Carter Place								30.1	293.2						1	1	
Caulton Park								463.0	463.0						1	1	
Cedar Place								204.0	204.0							1	
Cedar								1,751.4	1,751.4						3	3	
Central Avenue						2,165.0			19,038.1				2	18		37	
Chapel									979.5						5	2	
Charles River						8,058.0			548.3				7	3		15	
Chestnut Place								203.0	203.0							1	
Chestnut						1,978.7			3,355.9				2			9	
Chestnut Court								37.0	37.0						1	1	
Clarke Road						440.9			440.9				1			1	
Concord								249.8	249.8						2	1	
Coolidge Avenue								1,299.4	1,299.4						3	2	
Crescent Road								1,230.0	1,230.0						4	3	
Cross								364.0	364.0								
Curve								658.5	658.5						1	1	
Davenport Road								625.6	625.6						1	1	
Dedham Avenue		67.4		23.5	5,686.5	405.3			6,182.7		1	5	4			8	
Eaton Road								1,248.4	1,248.4						3	3	

Emerson Road						622.5	1
Fairfield						301.7	1
Fair Oaks Park						2,070.4	4
Fair View Road						660.5	2
Fisher						285.0	1
Forest						2,475.7	2
Gage						280.5	6
Garden						197.7	1
Gayland Road						1,765.2	4
Grant						395.8	1
Green						1,572.5	4
Great Plain Ave.						1,377.9	3
Greenwood Ave.						20,531.4	6
Greendale Ave.						1,096.4	2
Greenough						7,781.6	10
Grove Avenue						233.8	16
Grove						1,837.1	1
Grove Terrace						2,826.0	4
Gordon Terrace						155.2	1
Harris Avenue						518.9	2
Hawthorne Ave.						3,080.1	4
Hemlock						906.3	5
Henderson						478.5	1
High						1,506.3	3
High Rock						1,433.7	3
Highland Avenue						2,759.3	4
Highland						11,891.8	21
Hillcrest						158.8	1
Hillside Avenue						260.2	1
Hillcrest	901.9					4,662.7	8
Howland						901.9	2
Hunnewell						458.9	1
Hunting Road						4,581.5	10
Kimball						394.9	5
Kingsbury						1,059.2	2
Laurel Drive						1,023.2	1
						739.5	2
						1,384.6	3

LIST OF PIPES LAID TO DECEMBER 31, 1929 — Continued

STREETS	DIAMETER AND LENGTH OF PIPE								GATES					Hydrants		
	18 in.	16 in.	14 in.	12 in.	10 in.	8 in.	6 in.	4 in.	Total	16 in. in.	12 in. in.	10 in. in.	8 in. in.		6 in. in.	4 in. in.
Lawton Road							1,219.0		1,219.0						1	2
Lewis							992.4		992.4						2	2
Lexington							526.0		526.0						2	1
Lincoln							1,305.0		1,305.0						2	2
Linden							1,101.0		1,101.0						2	2
Manning							2,308.2		2,308.2						4	3
Maple							1,827.0		1,827.0						3	3
Maple Terrace								410.0	410.0						1	4
Mark Tree Road							2,412.5		2,412.5						3	4
Marshall							437.5		437.5						1	1
May						1,704.6			1,704.6				5		2	1
Mayo Avenue.							1,066.1		1,066.1						2	2
Meadow Road							3,757.2		3,757.2						3	6
Mellen							532.0	367.7	899.7						1	1
Melrose Avenue							729.0		790.5				1		1	3
Mills Road						61.5	88.7	423.9	512.6				1		2	1
Morton				2,216.0					2,216.0		3				1	1
Nehoiden.						2,833.0			4,536.5				5		1	8
Newell Avenue							976.0		976.0						2	2
Norfolk							1,282.6		1,282.6						2	1
Oak							52.8	953.1	1,005.9						3	1
Oakcrest Road							74.2		74.2						1	1
Oakhurst Circle							435.5		435.5						1	1
Oak Knoll Terrace							381.0		381.0						1	1
Oakland Avenue.							1,039.0		1,039.0						2	2
Otis							516.5		516.5						2	2
Overlook Road							468.0		468.0						2	1
Parish							624.0		624.0						2	2
Parkinson							505.1		505.1						2	2
Pickering							1,843.0		1,843.0						2	3
Pine Grove							602.0		602.0						2	1

REPORT OF WATER COMMISSIONERS

[illegible]

SUMMARY OF STATISTICS**For the Year Ending December 31, 1929**

Needham Water Department, Norfolk County, Mass.
Population by census of 1925, 8,977.

Date of construction 1890. Owned by the Town of Needham.
Source of supply, wells. Mode of supply, pumping to stand-pipes.

Pumping

1. Builders of pumping machinery, the George F. Blake Mfg. Co., the Laidlaw-Dunn-Gordon Co., and the Gould's Mfg. Co.
2. Description of fuel used:
Bituminous coal, cost per net ton \$6.56.
3. Coal consumed for the year, 758,000 pounds.
4. Total pumping for the year, five percent allowed for slip of pumps:
 - (a) Steam pump, 195,244,000 gallons.
 - (b) Auxiliary pump, 28,485,750 gallons.
 - (c) Purchased from Wellesley, 6,463,845 gallons.
5. Average static head 242 feet.
6. Average dynamic head, 277 feet.
7. Number of gallons pumped per pound coal, 257.5.
8. Duty of Laidlaw-Dunn-Gordon pump, 59;505,116 foot pounds.
9. Cost of Pumping figured on pumping station expenses, viz.: \$9,118.14.
 - (a) Per million gallons pumped, steam pump, \$46.70.
 - (b) Per million gallons pumped, auxiliary pump, \$89.40.
 - (c) Per million gallons raised one foot (dynamic) steam pump, .0168.
 - (d) Per million gallons raised one foot (dynamic) auxiliary pump, .0322.
10. Total cost of Pumping figured on total maintenance, including interest on bonds, viz.: \$29,947.92.
 - (a) Per million gallons pumped, \$130.09.
 - (b) Per million gallons raised one foot (dynamic) \$0.0469.

Consumption

1. Estimated population of Town, 10,450.
2. Estimated population on lines of pipe, 10,435.
3. Estimated population supplied, 10,435.
4. Total consumption, 230,193,595 gallons.
5. Average daily consumption, 630,667 gallons.
6. Gallons per day to each inhabitant, 60.3.

7. Gallons per day to each consumer, 60.4.
8. Gallons registered by meters, 145,593,390.
9. Water for public purposes not metered.

Mains

1. Kind of pipe, cast iron.
2. Sizes, 4 to 18 inches.
3. Extended during the year, 6,600.6 feet.
4. Total now in use, 49.35 miles.
5. Number of hydrants added during the year, 11.
6. Number of hydrants now in use; public, 410; private, 26; total, 436.
7. Number of stop gates added during the year, 26.
8. Number of stop gates now in use, 487.
9. Range of pressure on mains, 63 to 120 pounds.

Services

10. Kind of pipe, cast, cement-lined, lead-lined, and galvanized iron and lead.
11. Sizes, $\frac{1}{2}$ inch to 8 inches.
12. Extended during the year, 12,730.8 feet.
Discontinued during the year, 1,721.9 feet.
13. Total now in use, 47.91 miles.
14. Number of services added during the year, 147.
15. Number now in use, 2,830.
16. Number used for public purposes, 26.
17. Number of meters now in the department, 2,807.
18. Percentage of services metered (domestic), 100.

Respectfully submitted,

GEORGE A. ADAMS,
Superintendent.

TOWN OF NEEDHAM
ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
FOR THE YEAR 1929



NEWTON
GARDEN CITY PRESS, INC.
1930

ORGANIZATION AND SCHOOL CALENDAR

School Committee

Harry H. Bruns, Chairman, 61 Kingsbury St.	Need. 0173-W
Term Expires — 1932	
Rev. Richard G. Preston, 706 Highland Ave., N.H.	Need. 1420
Term Expires — 1932	
Roy E. Cole, 288 Nehoiden St.	Need. 1040-W
Term Expires — 1931	
G. Waldo Crawley, 55 Otis St.	Need. 0744
Term Expires — 1931	
Joseph Satterlee, 16 Mark Lee Rd., N.H.	Need. 0082-M
Term Expires — 1930	
Margaret O. Chase, Tower St., N. H.	Need. 0521-W
Term Expires — 1930	

Meetings

Regular meetings of the School Committee are held on the first Tuesday of each month at 7.30 o'clock in the School Committee rooms on Chapel Street.

Superintendent of Schools and Secretary of the School Committee

John C. Davis

Office at 8 Chapel St. Hours 8 to 9 a.m. and 3.30 to 5.00 p.m.
Telephone 0010 Residence 69 Grant St., Telephone 0614

Clerk

Gertrude E. Hamilton, Linden St. Tel. 0291

School Physicians

Dr. William Mitchell, 511 Highland Ave., N. H.	Tel. 0100
Dr. C. L. MacGray, 1088 Great Plain Ave.	Tel. 0146

School Nurse

Ruth V. Carlson Norwood 1439

Attendance Officer

A. J. Mathey, Residence, 94 Warren St. Tel. 1041-M

SCHOOL CALENDAR 1929-1930**All Schools**

Fall term	Sept. 4 to Dec. 20	16 weeks
Winter term	Jan. 2 to Feb. 21	8 weeks
Spring term	Mar. 3 to Apr. 17	7 weeks
Summer term	Apr. 28 to June 20	8 weeks
		<hr/>
		39 weeks

No School Days

Oct. 25	Norfolk County Teachers' Convention.
Nov. 11	Armistice Day.
Nov. 28	Thanksgiving.
Nov. 29	Friday after Thanksgiving
May 30	Memorial Day.
June 17	Bunker Hill Day.

1930-1931

Fall term	Sept. 9 to Dec. 19
Winter term	Dec. 29th
No School Signal 22-22-22, at 7.30 a. m. and 12.45 p.m.	

REPORT OF THE SCHOOL COMMITTEE

To the Citizens of Needham:

In our Annual report, submitted herewith, we ask your special attention to the reports of our Superintendent and department heads.

The good condition of our school buildings is being maintained. We found it necessary this year in our present high school building to add four new sections to each of the boilers in an effort to provide necessary heat in some of the class rooms, and we also completed the installation of weatherstrips on the windows. The condition of the floors in the gymnasium and manual training room in this building is very bad and we will be obliged very shortly to put in entirely new floors in these rooms at a cost of approximately \$2,500.00.

With an increase in the enrollment of pupils of about 140, we have been very hard pressed to accommodate them all. This number of new pupils amounts to practically four full class rooms, but fortunately the increase is divided among all grades, so we have been able to place them all in some way.

We are looking forward to the completion of our two new school buildings, and expect them to be ready for use when our fall term opens. The building of the new high school is going forward nicely. The various plans have been submitted to our committee for approval, which approval they have received in all cases except where the Building Committee have specified cement floors covered with linoleum in all the class rooms. The majority of the school committee could not agree with the other committee that this type of construction was advisable, and we asked for wooden floors in all class rooms, but our request was not adopted.

With the two new buildings we feel that our needs should be taken care of for some time, and we would call your attention to the fact that both buildings have been so planned that additions can easily be made in case of need in the future.

We would also call your attention to the small number of changes in our teaching staff this year. We feel that we have an exceptionally fine corps of workers and that conditions are such as to keep them contented in Needham.

At the closing of schools for the Christmas holidays we decided not to re-open the Parker School at Charles River Village. The attendance at this school has been only eight pupils, in three different grades, and after holding a meeting with the interested parents, we decided it was to the advantage of the pupils to transport them daily to the schools in the center of the Town, thereby giving each pupil the advantage of a

full day's work in his own particular grade, and also saving the Town the expense of operating the school building.

We thank all the workers in our department for their splendid co-operation, and we believe that the results of our young people's training, as shown by the number of High School graduates who have been able to enter various colleges and who are doing good work there, as well as those who have entered business and are succeeding, merits the approval of the Town's people.

We also appreciate the fine spirit of the citizens of the Town as shown by their willingness at our Town Meetings to make the necessary appropriations for our school work. This is very encouraging, and we assure the citizens, in return, that no appropriation will be called for that we do not feel is really necessary for the work of our department.

HARRY H. BRUNS, *Chairman*,
JOSEPH SATTERLEE,
ROY E. COLE,
G. WALDO CRAWLEY,
RICHARD G. PRESTON,
MARGARET O. CHASE,

Needham School Committee.

FINANCIAL STATEMENT

Expenditures in 1929

General Expenses

School Committee Salaries	
Other Expenses	\$1,551 04
Supt. Schools and Enforcement of	
Law	4,750 00
Other Expenses	352 60
	<hr/>
	\$6,653 64

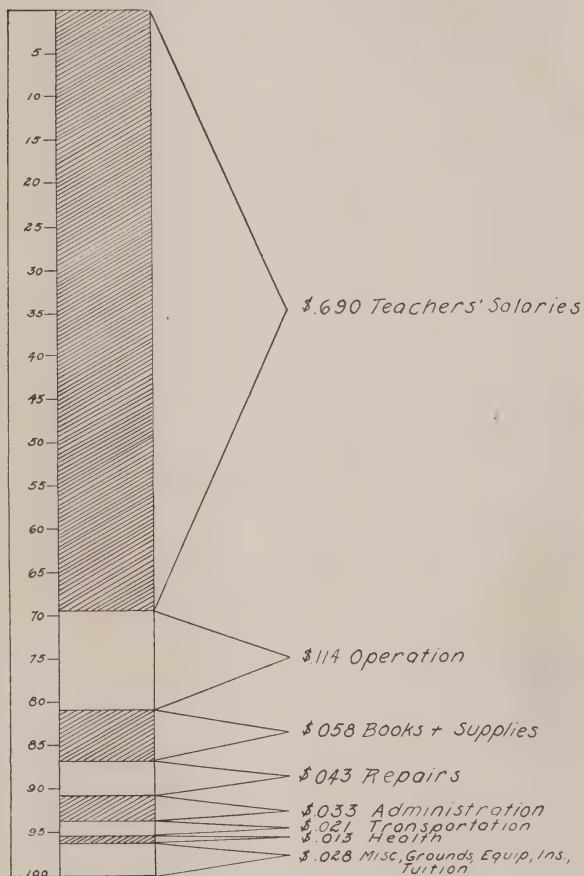
Expenses of Instruction

Supervisors' Salaries	\$3,759 00
Principals, High	3,880 00
Principals, Elementary	11,840 00
Teachers, High	42,723 44
Teachers, Elementary	79,746 85
Text Books, High	1,182 13
Text Books, Elementary	2,729 77
Stationery, Miscellaneous Sup-	
plies, High	3,257 71
Stationery, Miscellaneous Sup-	
plies, Elementary	4,601 76
	<hr/>
	153,720 66

Carried forward \$160,374 30

<i>Brought forward</i>		\$160,374 30
Expenses of Operating School Plant		
Janitors' Salaries, High	\$3,239 32	
Janitors' Salaries, Elementary ..	9,184 44	
Fuel, High	2,843 58	
Fuel, Elementary	5,646 60	
Miscellaneous, High	1,386 24	
Miscellaneous, Elementary	2,107 43	
		<hr/> 24,407 61
Expenses of Maintenance of School Plant		
Repairs, High	\$2,359 29	
Repairs, Elementary	6,537 68	
		<hr/> 8,896 97
Auxiliary Agencies		
Libraries	\$100 00	
Health	2,623 61	
Transportation	4,284 50	
		<hr/> 7,008 11
Miscellaneous Expenses		
Tuition	\$424 67	
Sundries	1,739 20	
		<hr/> 2,163 87
Outlays		
New Grounds and Buildings ...	\$714 14	
New Equipment	1,974 68	
		<hr/> 2,688 82
Other Payments		
Vocational Education	\$412 97	
Insurance	111 44	
		<hr/> 524 41
Total Expenditure		<hr/> \$206,064 09
Receipts		
Tuition	\$415 68	
State Wards	288 47	
Americanization ...	19 50	
Dwight School Fund	210 00	
Miscellaneous	96 00	
Mass. School Fund .	16,290 00	
		<hr/> 17,319 65
		<hr/> \$188,744 44
Unexpended Balance		\$634 91

HOW THE SCHOOL DOLLAR WAS SPENT - 1929



REPORT OF THE SUPERINTENDENT OF SCHOOLS

To the School Committee of Needham:

I am submitting for your consideration my ninth annual report, this being the thirty-seventh in the series of annual written reports by the Superintendent of Schools.

I am also presenting reports from members of the teaching staff and other material that will give the reader an idea of the activities of the department during the year just closed. There is also appended the usual tables of statistics.

Membership

The following table shows the membership in the different buildings from 1921 to 1930 inclusive.

	1921	1922	1923	1924	1925	1926	1927	1928	1929
High	262	310	320	391	433	417	468	491	535
Old High				185	229	235	219	222	229
Kimball	321	320	352	265	292	287	300	344	353
William Carter		286	319	335	333	369	367	375	341
Avery	170	136	138	155	194	192	183	162	185
Stephen Palmer	343	377	428	354	337	371	395	368	428
Eliot	148	154	141	142	147	136	137	146	153
Dwight	71	76	74	68	66	50	50	51	53
Harris	58	72	56	52	43	62	58	60	60
Riverside	47	45	47	40	45	41	40	43	42
Parker	20	17	20	16	12	14	16	15	8
Total	1682	1793	1895	2003	2131	2174	2233	2277	2387

The increase has been approximately one hundred pupils showing the need of three additional school rooms per year. Our buildings are accommodating capacity numbers at the present time. If either of the two buildings under construction is ready for occupancy at the opening of school in September, it will solve what otherwise seems to be an impossible problem; that of providing for the numbers who are sure to seek admission next fall.

At the close of the fall term the Parker School which had dwindled to eight pupils was closed, and the children carried to the Stephen Palmer School. The advantage to the child of being taught in a room with other children of equal age and ability is much greater, and I feel sure that this arrangement after a fair trial will be found more satisfactory to both pupils and parents.

Additional Room

For several years I have endeavored in my report to set forth the need for additional room in a department that is

rapidly increasing in numbers. As everyone knows, the Town has provided for this need by making appropriations for both a high and an elementary building.

When these buildings are completed a re-organization of our schools will take place. The new High School will consist of three upper grades, making a Senior High School, of approximately 450 pupils. The present High School building will house the seventh, eighth, and ninth grades, making a Junior High School consisting of approximately 550 pupils. The seventh and eighth grades will be moved from the William Carter to the present High School, thereby vacating four rooms in the William Carter which are much needed for the lower grades. The portable school house back of the Avery building can be abandoned, and another grade transferred from the Eliot to the William Carter. The Stephen Palmer building is providing for seventy-five more than it should house. By extending the district lines of the new elementary building toward Needham Square, enough pupils can be sent to this new school to relieve the Stephen Palmer and give each teacher in the new building but one grade.

The old high school can house enough of the Kimball School pupils to enable us to vacate the third floor of this building. But, contrary to what seems to be the impression in some quarters, it will still be necessary to occupy the eight rooms on the first and second floors.

This arrangement will provide not only ample room for the present school population but also a better opportunity for good work by the teachers in all the buildings affected.

Vocational Education

There are forty-five adult women taking courses in Dress-making afternoons and evenings in the High School building and instruction is provided the following pupils, in the Schools designated:

Newton Vocational School

Harold Gooding, Printing Department
Richard Haven, Electrical Department
Frank R. McElroy, Automobile Repairing

Boston Trade School

Lawrence Mastropieri	Albert L. Newcomb
Walter J. Trudeau	Charles Waters
Joseph Cascio	Liberato Ciarlantini
Arthur Denneen	John Bartony
Lincoln Grasso	Leo Mastropieri

Donald B. Knowlton

Girls' Trade School

Gertrude Morrison

Teachers

I am glad to report that the number of changes in the teaching staff is comparatively small. The general conditions under which our teachers are working tend to make the force more permanent. Of course changes take place every year but the changes are fewer than formerly and in most cases for reasons wholly beyond our control. Our regulations require that an applicant must be a graduate of either a college or normal school and has had a minimum of one year's experience before appointment. Thus our teachers come to us with a successful experience of at least one year, usually more, and are placed where there is an opportunity of doing good work. The revision of our salary schedule from time to time has helped towards a reduction in the annual turnover, and makes it easier in cases of vacancies to attract competent teachers to our staff.

Our teachers are doing faithful and efficient work and deserve the co-operation of the parents in their earnest efforts in behalf of the pupils under their care and guidance.

Following is a list of changes and transfers which occurred since January 1, 1929.

RESIGNATIONS, APPOINTMENTS, AND TRANSFERS

Resignations January 1929-30

School	Name	Date
High	Chester K. Delano	June, 1929
High	Margaret F. Wood	June, 1929
High	Jennie G. Berriman	June, 1929
High	Alice B. Fitzgerald	June, 1929
Junior High	A. Adeline Moulton	June, 1929
Kimball	Barbara S. Donelson	June, 1929
Kimball	Celia A. Dean	Dec., 1929
Wm. Carter	Verta I. Rowell	June, 1929
Parker	Ivonne L. Bickford	June, 1929

Appointments

School	Name	Date	Where Educated
High	Gertrude Lewis	Sept.	Boston University
High	Doris E. Werner	Sept.	Framingham Normal
High	Philip H. Claxton	Sept.	Stroudsburg St. Teachers' Col.
High	Margaret Rowe	Sept.	Boston School Physical Educ.
Kimball	Gladys A. Howarth	Sept.	Framingham Normal
Wm. Carter	R. Louise Cone	Sept.	Boston University
Wm. Carter	Mary E. Dugan	Dec.	Fitchburg Normal
Eliot	Florence E. Baker	Sept.	Westfield Normal

Transfers

Name	Date	Schools
Esther Nickerson	Sept., 1929	Wm. Carter to Jr. High
R. Louise Cone	Dec., 1929	Wm. Carter to Kimball

High School

The High School, with a total membership of 535 pupils, continues to be on the approved college list, and is approved by the State Department of Education. The record of the Graduates of the Needham High School in the various colleges they attend is one in which we all take much satisfaction. The college preparation work, together with the Manual Training and Household Arts departments, are operating on an efficient basis and meeting the needs of the community.

Departmental Work

Our seventh and eighth grades in the old high school and the William Carter School have been conducted on a departmental basis. "This year the programs at both schools are identical on paper though building conditions at the William Carter do not permit of some of the work being done in exactly the same manner as at the 'Junior High.'"

"The assembly periods at both buildings have improved in tone and value and now constitute one of the most helpful activities of the schools. The various clubs fill a place in the program now appreciated by all.

"The Student Council has gained in favor and continues to render valuable service to the schools. A school paper is published four times a year at the Junior High and the William Carter will resume in the spring with the publication of its annual paper, the 'Carter Bee Hive.' Orchestra work at both buildings has progressed satisfactorily. Glee Clubs for the girls are carried on in both schools in conjunction with the musical program."

Both buildings have been equipped with radios to enable them to receive programs suitable for teaching music appreciation, and valuable lectures in science, and other subjects closely adapted to the regular work in these grades. The American School of the Air will begin broadcasting Tuesday, February fourth, the dramatization of great episodes in American history. On Thursdays the programs will include American literature, nature study, and health.

Health

The health of the school children is being looked after in a systematic and efficient manner by the school physicians, school nurse, and teachers. A more accurate way of testing hearing through the use of the audiometer has been in use since last year and is proving of great value.

In addition to the annual examination of all children by the school physicians, the eyes and ears of all pupils are tested annually. This, and other remedial work recommended by the school physicians, is carried out through home visits by the school nurse.

Certified milk is sold daily in our schools. A few children are sent to the Braintree health camp each year. This department acts in co-operation with the various social agencies in the community in assisting children whenever there is need.

The next forward step in this work should be the establishment of a dental clinic.

Mr. Philip Claxton, Supervisor of Physical Education says in his report:

"The class instruction concerning health training is infinitely more important than any designated course of study. Needs, whether they be individual, school or community, vary, making it difficult to outline a definite course for all.

"It is my aim to train every Needham School child in the proper health habits that they may not only be free from preventable diseases, but possess a reserve force of strength and energy — in other words, be members of a group of physically fit children.

"It is my purpose this year to bring into active competition the greatest number of school children. It is a program that has as its object the participation of all children rather than a selected few.

"In these different contests, the child is encouraged to attain a high standard in the various events commensurate with his age and ability. It sets before him a goal of achievement which will help very materially in creating an interest in athletic events and bodily development.

"These contests bring out the all-round physical efficiency of the boys and girls, testing speed, agility, strength and endurance."

Education Week

We have observed Education Week in the same manner as the past two years. Invitations were written and sent by the pupils to parents to visit on a particular afternoon the schools their children were attending. Also, the High School faculty devoted an evening to conferences with parents.

In all, 786 parents visited our schools during the week. I wish more parents would take advantage of this opportunity to see the schools at work and to get better acquainted with our teachers.

Parents are always welcome in our schools. We attempt in this week particularly to foster a closer relationship between parent and teachers.

Parent-Teacher Association

"The object of this Association shall be to foster a closer sympathy and co-operation between the home and the school in the Town of Needham; and to promote the educational and social welfare of the community."

Program

Extract from Minutes of Meeting of the Massachusetts Schools Superintendents' Association, April 15, 1929.

"Life no longer means labor exclusively. The leisure hours of youth must not be left to chance. A man's character is judged by what he does, not in his working hours, but in his leisure hours. The real satisfactions of life are found in the appreciation and enjoyment of literature, music, the fine arts, nature, science and amateur avocations, in active participation in good citizenship and in social relationships, happy and broadening.

"No matter how much education teaches about life and the world, if it fails to teach the fundamental principles of how to live, it fails to accomplish its purpose."

General Subject, "The Leisure Hours of Youth."

Thursday Evening, October 10—8 o'clock, Senior High School.

Miss Maude Hawes, Supervisor of Music for Quincy School Department, Guest Speaker, assisted by Mr. Taylor, Instrumental Supervisor of the Quincy School Department, and Mr. Pollard, Principal Needham High School: Subject, "Music."

Music and Refreshments.

Thursday Evening, December 12 — 8 o'clock, Senior High School.

Miss Blanche E. Coleman, Head of Art Department of Boston University, Guest Speaker: Subject, "Art."
Music.

Thursday Evening, February 13 — 8 o'clock, Senior High School.

Carl L. Schrader, State Director of Physical Education, Guest Speaker: Subject, "Sports."
Music.

Friday Evening, April 11 — 8 o'clock, Senior High School.

Annual Meeting — Election of Officers, Demonstration Night, under direction of Superintendent of Schools, John C. Davis.
Refreshments.

OFFICERS

President
First Vice-President
Second Vice-President
Secretary
Treasurer
Assistant Treasurer

Mr. Herbert L. Moore
Miss Mary E. Glancy
Mr. Herbert F. Stevenson
Mrs. Everett F. Poland
Mrs. Philip Salman
Mrs. P. D. G. Hamilton

Executive Committee

Mrs. William E. Boyer	Mr. Clarence S. Burton
Mrs. Florence Coleman	Mr. John C. Davis
Mrs. Ralph A. Ely	Mrs. William W. Gallagher
Mr. Frank B. Gordon	Mrs. A. Montague Johnson
Mrs. Charles A. Neal	Rev. Richard G. Preston
Mr. C. W. Ringer	Dr. J. Walter Schirmer
Mrs. Cortland Worth	

Scholarship Fund

- Mr. John C. Davis, Superintendent of Schools.
 Mr. William F. Pollard, Principal of High School.
 Mr. Herbert L. Moore, President Parent-Teacher Association.
 Mrs. Carleton A. Perry, President New Century Club —
(ex-officio).
 Mr. James H. Whetton (by election from Parent-Teacher Association.)

Publicity and Membership

Mrs. Roy E. Cole

Entertainment

Mrs. Norman A. Dubois

Hospitality

Mrs. Fred Forsman

Auditor

Mr. Francis J. Stanwood

Repairs

The condition of our buildings is being improved from year to year. The older, wooden buildings need constant attention. The more extensive operations that cannot be carried on while the schools are in session are attended to during the summer vacation.

The outside of the Eliot School was painted during the last summer vacation, and extensive repairs were made this year to the heaters of the High and Kimball Schools. This year several of the buildings should be painted outside and tinted inside; this will necessitate a larger appropriation than last year.

Transportation and Safety

To arrange transportation for those entitled to it is a difficult and an expensive undertaking. It has been necessary to run two busses to carry the Charles River children to the

Junior High, Kimball, and Stephen Palmer Schools, but this added expense is offset to some extent by the amount saved by closing the Parker School.

I appreciate the anxiety felt by parents for the safety of their children when sending them to school from day to day and especially for those who are obliged to walk in the highway on account of lack of sidewalks.

The street department in the construction of sidewalks, the police department in the regulation of traffic, and the teacher and parent in the teaching of safety education are the agencies that must work together for the protection of the children. Police officers have been sent to the William Carter and Stephen Palmer Schools at closing time. Suggestions which we have made for closer supervision and regulation on the streets near our buildings have been most efficiently carried out whenever practicable to do so.

The Schools and Taxes

One might reasonably ask, "What are all the activities mentioned in this report costing the taxpayers?"

The following figures taken from the state reports indicate that the expenditure for the support of schools has not increased as rapidly as the valuation of the Town.

Year	Amount of Tax Rate Taken for Support of Public Schools
1922	\$9 06
1923	9 57
1924	9 74
1925	9 54
1926	9 41
1927	9 29
1928	9 19
1929	9 02

Recommendations

1. Needham should plan for its playgrounds now. The vacant spaces in a rapidly growing community will soon be taken up for building purposes, making it a difficult and expensive matter to provide open spaces for playgrounds for the younger children. A survey of the town should be undertaken that these places may be designated and plans made to keep these spaces open. Some constructive work now will be of great value to the children and the community in the future.

2. I again wish to recommend that a passageway be constructed under the tracks of the N. Y. N. H. & Hartford Railway to enable pupils to go from the Riverside to the Eliot Schools instead of by the roundabout way through Newton in use at present.

3. I again recommend that an opportunity class be established for the benefit of those retarded in their work on account of illness or other causes. Lack of room has prevented this up to the present time.

4. It is my recommendation that a dental clinic be established for those pupils whose teeth are in need of attention and who are unable to employ the family dentist at the regular rates.

In concluding, I wish to express again to the teachers, janitors, and other employees of the department my sincere thanks for their loyal co-operation, and to the School Committee my appreciation for your continued confidence.

Respectfully submitted,

JOHN C. DAVIS,
Superintendent.

SCHOOL BUDGET, 1930

Administration Expenses:

General Expenses:

Superintendent and Attendance Officer	\$4,750	
Janitor	95	
Clerk	1,170	
Rent School Committee rooms, Expenses, coal, printing travel and telephone	900	
		\$6,915

Expenses of Instruction:

Salaries:

Supervisors	\$6,425	
Principals	10,600	
Teachers, High	40,840	
Teachers, Elementary	84,010	
Additional and substitutes	2,300	
Automatic and Professional Increases	2,100	
		146,275
Textbooks	\$4,000	
Supplies	7,000	
		11,000

Expenses of Operating School Plant:

Janitors' Wages	\$12,500	
Fuel	9,000	
Janitors' supplies and miscellaneous	3,500	
Use of buildings by outside organizations	500	
		25,500

Maintenance:

Repairs	\$7,000	
		7,000

Auxiliary Agencies:

Libraries	\$100	
Health	2,750	
Transportation	5,105	
		7,955

<i>Carried forward</i>		\$204,645
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<i>Brought forward</i>		\$204,645
<i>Miscellaneous Expenses:</i>		
Tuition	\$500	
Sundries	1,500	
		2,000
<i>Outlays:</i>		
New Grounds and Buildings	\$1,000	
New Equipment	2,000	
		3,000
<i>Other Payments:</i>		
Vocational	\$400	
Insurance	125	
		525
		<hr/> \$210,170
Less Estimated Receipts		18,000
		<hr/> \$192,170

REPORT OF PRINCIPAL OF HIGH SCHOOL

January 2, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sir:— I herewith submit my third annual report as
Principal of the Needham Senior High School.

The Graduation Exercises in June, 1929, were as follows:

March, "Priest March Athalia"	<i>Mendelssohn</i>
High School Orchestra	
Invocation	
Rev. George B. MacDonald	
Chorus, "America Triumphant"	<i>Demarest</i>
Choral Club	
Essay, "Looking Skyward"	
Walter E. Bezanson	
Essay, "The Good Old Days"	
Ruth E. Allen	
Songs (a) "Proudly as the Eagle"	<i>Spohr</i>
(b) "To Thee, O Country"	<i>Eichberg</i>
Boys' Glee Club	
Essay, "Through Magic Casements"	
Priscilla Boyd	
Essay, "On Feather Dusters"	
Francis W. Cleaves	
Overture, "Poet and Peasant"	<i>Von Suppe</i>
High School Orchestra	
Presentation of Class Gift	
Alvan S. Ryan, 1929	
Response	
Francis J. Donahue, 1930	

Presentation of Prizes

Principal William F. Pollard

Songs (a) "Narcissus" *Ethelbert Nevin*
(With 'Cello Obbligato)(b) "Tally Ho!" *Leoni*
Girls' Glee Club

Presentation of Diplomas

Harry H. Bruns

Chairman School Committee

Class Song

Words by Ruth E. Allen and Edna N. Inge

Benediction

Rev. Richard G. Preston

March, "Semper Fideles" *Sousa*
High School Orchestra

The class gift to the school was a fine moving picture camera and a sum of money to be expended for blank films for the same.

Prizes Presented at the Graduating Exercises, 1929

Girl who made most of her opportunities during 1928-29,
Faculty prize, Ruth Allen, 1929.

Boy who made most of his opportunities during 1928-29,
Faculty prize, Francis Cleaves, Class of 1929

English Department prize, New Century Club prize, Walter
Bezanson, Class of 1929.

Freehand Drawing prize, New Century Club prize, Ruth
Starkweather, Class of 1929.

Mechanical Drawing prize, New Century Club prize, Dexter
Stark, Class of 1929.

Best Sport Cup, Mr. Herbert F. Stevenson's Prize, Paul
Quinlan, Class of 1929.

John Goodwin Schirmer Health Medal, Girl, Ruth Allen,
Class of 1929.

John Goodwin Schirmer Health Medal, Boy, Karl Flint,
Class of 1929.

Domestic Arts Prize, Margaretha A. Roper, Class of 1931.

Washington and Franklin Medal for excellence in the study
of United States History, Winifred Beal, Class of 1930.

It is my firm belief that the awarding annually of the prizes just enumerated has motivated pupils to do better work in school.

I wish to thank the members of the faculty, Dr. and Mrs. Schirmer, Mr. Herbert F. Stevenson, The New Century Club, and the Sons of the American Revolution for making them possible; also the American Legion Auxiliary for the prize which it will award for the first time in June, 1930.

Enrollment

The total enrollment to date is 535, divided as follows: Specials, 1; Post Graduates, 2; Seniors, 74; Juniors, 129; Sophomores, 145; Freshmen, 184. The total enrollment to the corresponding date last year was 491. Last year at this time 22 had left school and this year 20 have withdrawn so that the actual present membership shows 515 for 1929-30, as compared with 469 for 1928-29. Of the 20 who have left school four have moved out of Town, four have entered other schools, nine have gone to work, and three are at home, two of these on account of sickness.

Of the 188 graduates of last year's eighth grade, 156 entered Needham High School. 10 have moved away, 9 entered other schools, 9 went to work and 4 are staying at home.

College Entrance Board Examinations

Taken as a whole our candidates for the College Entrance Board Examinations in June, 1929, were very successful. Some of them received honors in the fields of English and Mathematics, respectively.

To those teachers who gave so freely of their time and energy during the last year to prepare pupils for the examinations, I extend my sincere thanks and congratulations.

During the past year I have received a number of letters from both college and business officials in praise of the fine work of our graduates. To us whose duty it is to help prepare young people to cope successfully with life's problems, whether in business or in institutions of higher learning, such reports are very gratifying. We cannot help but feel that our labor, in some measure, is bearing worthwhile fruit.

Music

The work in this field is moving forward. Our Glee Clubs made several public appearances last year with marked success. The work of the orchestra, under Miss Berthold's capable direction, has shown a marked improvement over that of previous years. Its public performances have always elicited very favorable comments.

I hope, as time goes on, to do more in the field of music than we are now attempting, especially with respect to music appreciation, harmony and class instruction in the various instruments.

Teachers, Old and New

Prior to the opening of school in September we lost the following teachers: Miss Jennie G. Berriman of the Commercial Department, Miss Margaret Wood and Mr. Chester K. Delano, teachers of physical education. All of them had

proved their worth as teachers; consequently we regretted very much to see them go. However, we were fortunate in securing three capable teachers to take their places, namely, Miss Gertrude Lewis, Miss Margaret Rowe, and Mr. Philip Claxton.

Crowded Conditions

The enrollment this year is the greatest in the history of the school. Consequently, we are crowded for space, particularly for study purposes. Some of the classes, of necessity, are larger than I care to have them. A number of the teachers have to teach every period in the day. Nevertheless, everything seems to be going smoothly, and we can reasonably expect to round-out a good year of school work.

The New Advocate

This year The Advocate Board is trying the experiment of publishing a monthly paper in addition to the regular Christmas and June issues. It entails more work for all and calls for skilful management on the part of the Managing Board. Each department, however, has proved equal to the task with the result that a newsy, attractive paper has appeared each month. Everything seems to point toward a very successful year in this extra-curricula activity.

Education Week

Again during Education Week we held "open house" on Thursday evening, from seven to nine, for the purpose of giving parents a better opportunity than the regular school hours afford to get better acquainted with the teachers; to talk over the scholastic work of their sons and daughters, respectively; and to obtain a better idea of the kind of work that the school is trying to do.

The attendance this year, while not as large as it should have been, was very gratifying. Many of the parents who did attend expressed themselves as being very much pleased with the "open house" plan and hoped that it would become an annual event.

One in my position could not help but notice this fact — the majority of parents who came represented boys and girls who were doing very good work, while the guardians of pupils who needed assistance and supervision in the home, with respect to their school work, were conspicuous by their absence. The best results in school work can be obtained only when the home and school are working in perfect accord with one another. Therefore, I hope that all parents, especially those of pupils whose progress has been retarded for one reason or another, will make it a point to come and talk things over with us, either at a particular time set aside for that purpose, or

at a time which better suits their convenience. These facts I would like to get across to all parents — the high school is always open for their inspection; a cordial welcome awaits them whenever they come.

At this point in my report it might not be amiss to offer a few suggestions to parents as to specific ways in which they might be of great assistance to all concerned in the greatest of all enterprises, that of education. *First*, I suggest that they insist upon *regular study hours* at home *under favorable conditions* (by regular study hours I mean certain definite periods of time totaling at least two and one-half hours, set aside each school day for the purpose of studying particular lessons; by favorable conditions I mean a place or a room apart from the rest of the household where conditions as far as light and heat are concerned, are good, and where quietness prevails); secondly, that they study carefully the report cards which are sent home at the end of every eight weeks, and that they get in touch with us at once if there are any questions pertaining thereto which they want explained; and thirdly, that they make it a practice to see that their sons and daughters are rarely tardy, if ever, and that absence from school is a very rare thing.

With regard to the last point, I am obliged to say that I receive many trifling reasons for absence, dismissal and tardiness, particularly for the latter. I will not enumerate them. Suffice it to say that at least ninety per cent of the cases could be remedied by the use of a little more forethought on the part of both pupils and parents.

Oftentimes, I feel that parents do not realize the significance of a bad attendance record. One of the first things that the prospective employer looks at or asks about is that record. If it is poor he usually refuses to give the candidate further consideration because he doesn't want to run the chance of hiring someone who will be apt to lie in bed in the morning or go shopping on the company's time. Business men are not looking for that type of young man or young woman.

Monday Morning Assembly Programs

This year the responsibility of supplying the Monday morning assembly programs was placed upon the home rooms. The practice has worked out admirably. While all of the programs presented thus far have been very good, some of them have been outstanding, particularly those of the following rooms, 301, 302, 304 and 308.

Before leaving the subject of morning programs I must not fail to mention the one provided on December 9th, for the combined junior and senior high schools by you, Mr. Davis. On that particular occasion you introduced to us Mr. Cameron Beck, Personnel Director of the New York Stock Exchange,

who delivered an address on the general theme of character building which made a profound impression upon all who were privileged to hear it. I am quite sure that December 9th, will be a "red letter" day in the lives of many young people. In behalf of the school, I thank you for making Mr. Beck's appearance possible.

Physical Education

Athletics in our school exist for the many, not for the few. Throughout the school year a very large percentage of the student body participated in one form or another of athletic activity. This is as it should be. Our program of inter-room, interclass, and interscholastic sports makes it possible for practically every pupil to take part in this work. Last spring every boy and every girl who was physically able took part in "The All-Student Track Meet" conducted by the Supervisor of Physical Education of Massachusetts. In that meet, in which there were 600 boys and 1,250 girls participating, two of our boys, Dalton Wein and Karl Flint, took fifth and sixth places, respectively, the latter making a record for the one-hundred-yard dash. Our girls did even better. Helen Hammersley and Olive Hasenfus were tied for fourth place; Marion Wagner took fifth place, Ethel Foster, seventh, Marie Whelan, eighth, and Ruth Starkweather, tenth, thereby giving Needham six places out of the first ten. Miss Hammersley established a record of four feet, eight and one-half inches for the running high jump. I feel that we have every reason to be proud of the showing made by our young people in the meet. It speaks well of the work of our teachers of physical education.

The New Building

The new senior high school building is on its way toward becoming a reality. Naturally, we are looking forward to the time when we shall take up our abode within its walls. Personally, I desire to thank the citizens of Needham for their generosity in appropriating such a large sum of money for the construction of the new school, and I assure them that I shall at all times do my best to make proper and efficient use of it.

Program of Studies

At my suggestion, and after careful study, a representative group of teachers from the faculty has drawn up a program of studies suitable for our three-year high school. Said program, after it has been revised by the committee and myself, will be placed in your hands with the hope that it may become the basis of the program of studies for our new senior high school.

To the teachers for their high professional ideals and devotion to the work of the school, and to you and the School Committee for the cordial support which you have accorded me in all matters pertaining to the best interests of the school, I extend my sincere thanks.

Respectfully submitted,

WILLIAM F. POLLARD,

Principal.

REPORT OF INSTRUCTOR OF MANUAL ARTS

January 2, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sirs: — I herewith respectfully submit the annual report of the Manual Arts Department.

The boys of grades seven and eight, although their time allotment has been small, have received a broad and varied training in the proper use and care of the more important hand tools utilized for wood-making. This training, however, could not be very intensive because of lack of time. The method of presentation which takes the boy through a progression of steps becoming ever more difficult also presents an opportunity for introduction of tools new to the boy with each step forward. Grade seven pupils when entering the course commence by making a small, plain block, namely, a sand-paper block, which is later found to be useful; thus they are taken step by step through grades seven and eight until when finishing grade eight they are constructing, successfully, such articles as end tables, book troughs, cabinets of various types, etc.

At this point, I regret to say I lose the majority of the boys and they go into high school electing the college course which requires practically all of their time, and as a direct result cannot devote any of their busy day to Manual Arts. As far as this group is concerned all the supervision they have in hand work is in grades seven and eight.

Those electing Manual Arts in the high school have ample time and opportunity for further training along this line, six one-hour periods of wood-working and two periods of mechanical drawing per week. It is here, naturally, that the advanced work is accomplished, the High School students turning out tables, lamps, piano benches and many other substantial, useful articles of furniture.

I would like to take this opportunity to thank the New

Century Club for the gift of twenty-five dollars, which clearly shows their interest in the work of our department.

Once more I report with pleasure that no accidents have occurred on any of the various woodworking machines.

Respectfully submitted,

ALFRED H. JOHNSON,
Manual Arts Instructor.

REPORT OF INSTRUCTOR OF DOMESTIC SCIENCE

January 3, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sir:— I herewith respectfully submit an annual report of the High School Lunch Room for the year 1929.

In the High School Lunch Room it is our policy to serve foods of various types which will give variety and promote the health and growth of the student. The menus are so planned with the purpose in mind of educating the student to select a balanced meal avoiding repetition of the same foods within the luncheon.

Three hundred to three hundred and twenty-five pupils are served daily and we find many pupils bring sandwiches from home and supplement their lunch with soup, hot cocoa or the main dish. The prices for the various foods served are five and ten cents. The services of one woman is required in the daily preparation of the menu and pupils volunteer to help, receiving for their services daily a twenty-cent luncheon.

We have had a dish truck added to our equipment which we feel improves the order and system necessary in a well-regulated lunch room.

Our menu consists of soups, hot dishes, vegetables, salads, white and graham bread sandwiches, fresh fruits, cocoa, milk, ice cream and a simple dessert. The following is a typical lunch room menu:

Tomato Soup	\$0.05
Sliced Ham, Delmonico Potatoes .....	.10
Fruit and Nut Salad .....	.10
Lettuce Sandwich .....	.05
Peanut Butter and Marshmallow Sandwich .....	.05
Cocoa .....	.05
Milk .....	.05
Ice Cream .....	.10
Spanish Cream .....	.05
Fresh Fruit .....	.05

Respectfully submitted,

FLORENCE DUDLEY,
Home Economics Instructor.

REPORT OF THE SCHOOL PHYSICIANS AND NURSE

January 3, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sir: — I respectfully submit a report of my work at the High, William Carter, Avery, Riverside, and Eliot Schools for the year 1929.

Number children examined	1,208
Defective teeth	284
Defective tonsils	159
Swollen Glands	32
Orthopedic defects	2
Cardiac disease	6
Cardiac observation cases	52
Skin disease	9
Number of visits to schools	95
Number of office visits	145

Sincerely yours,

WILLIAM MITCHELL,
School Physician.

January 2, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sir: — As School Physician for 1929 I have the following to report.

Eight cases were seen at my office and fifty-one visits were made to the schools.

In the Junior High, Kimball, Stephen Palmer, Harris, Dwight, and Parker Schools there were 1,112 pupils examined and the following defects were found:

Defective teeth	234
Defective tonsils	279
Swollen glands	155
Orthopedic defects	5
Cardiac disease	6

Respectively submitted,

CHARLES L. MACGRAY,
School Physician.

January 2, 1930.

Mr. John C. Davis, Superintendent of Schools,
Needham, Mass.:

Dear Sir: — I herewith submit my report as school nurse
for the year 1929:

Visits to schools	548
Number inspections	2,873
Number children examined	2,320
Number home calls	41
Number children sent to camp	3
Children having free milk	4
Number weighed and measured	2,005
Poor postures	176
Eye and ear tests	2,328
Poor eye sight	62
Poor hearing	16
Minor surgical dressings	59
Sore throats	27
Number pupils excluded	68
Pediculosis	49
Improved pediculosis cases	41
Letters or notices sent to parents	957

I wish to express my sincere appreciation to the superintendent, principals and all others who have helped by their co-operation.

Respectfully submitted,

RUTH V. CARLSON,

School Nurse.

JANITORS

High School, John W. Riley, Fred H. Horrocks.
Junior High School, George H. Knowles.
Kimball School, Charles H. Leighton.
William Carter School, George Kennedy.
Avery School, Walter F. Palmer.
Stephen Palmer School, Alexander Mulholland.
Eliot and Dwight Schools, Edward Daley.
Harris School, John Daley.
Parker School, William F. Brown.
Riverside School, Thomas Gamble.

TABLE I—MEMBERSHIP AND ATTENDANCE
For the Year Ending June, 1929

SCHOOLS	LOCATION	TEACHERS	GRADE	Total Membership	Average Membership	Average Attendance	Per Cent Attendance	Number Fardinesses
High	Highland Avenue, N.	{ William F. Pollard, Prin. . Fred L. Frost Chester K. Delano Charles E. Benton Alfred H. Johnson Asa M. Small Florence Dudley Mary W. Matheson Leita L. Sawyer Anna P. Fessenden Mary F. Clarke Louise L. Steele Ruth C. Harrington Catherine E. Dodge Eva H. Churchill Margaret F. Wood Annie M. Currie Florence E. Durgin Jennie G. Berriman Alice C. Gates Hildegard Berthold Ethel M. Reed Alice B. Burton	IX-XII	492	461	438	95	841

TABLE I — MEMBERSHIP AND ATTENDANCE — Continued

SCHOOLS	LOCATION	TEACHERS	GRADE	Total Membership	Average Membership	Average Attendance	Per Cent Attendance	Number Tardinesses
Jr. High..	Highland Avenue, N.....	Clarence B. Washburn, Prin..	VIII	37	36	34	95	64
		Harriette M. Cole	VIII	39	35	33	94	64
		Bertha E. Pugsley.....	VIII	36	35	34	95	19
		Nellie T. O'Brien	VII	41	40	38	95	41
		Edith R. Hatch	VII	42	40	38	95	32
		Sylvia A. Collins	VII	31	29	27	93	
		A. Adeline Moulton	VII					
		Gladys M. Russell	VI	35	34	32	94	31
		Gladys I. Gilbert, Prin.	VI	40	36	34	94	128
		Alice E. Chase	VI	41	38	36	94	33
Kimball ..	Chestnut Street, N.	Mary E. Kett	V	36	35	33	94	37
		Lelia Ross.....	V	33	31	29	92	51
		Celia A. Dean	V	37	35	33	95	97
		Barbara S. Donelson	IV	35	31	30	95	113
		Wilma F. Mayo.....	IV	28	26	25	93	52
		Rebecca H. Perry	IV	34	33	30	92	62
		Ethel L. Morehouse	III	33	32	29	90	62
		Dene Rowe.....						
		Jerome K. Sisson, Asst. Prin.	VIII	29	27	26	96	123
		Esther Nickerson	VIII	25	24	22	94	127
Wm. Carter	Highland Avenue, N. H. .	Nina A. Hopkins	VIII	35	35	33	96	72
		Ruth G. Chisholm	VII	39	37	35	95	22
		Verta I. Rowell	VII	37	34	31	92	143
		Mollie Reynolds	VI	34	34	32	96	70
		Helene A. Goehring	V, VI	43	38	36	93	94
		Katherine Pratt.....	V	37	34	33	96	62
		Luella Eaton	IV	38	33	31	94	36
		Alice M. Elliot.....	III, IV	32	30	29	95	26
		Helen C. Johnson	III	36	31	29	94	46
		Ruth A. Webb						

Avery ...	Highland Avenue, N. H.	Elizabeth A. Lester. Pearle M. Phillips Clara A. Dray Harrington N. Boyd Ruth E. Smith. Florence E. Eaton, Prin. ... Bertha I. Johnson Gladys Johnson Madolin F. Wilcox Mary E. Blake Mabel E. Jacobs Jane B. Doughty. Lillian H. Totman Mildred Tammett Elsie M. Hinkley. Alice M. McDougald Alice H. Eberhardt, Prin. ... Ann E. Fawcett Lillian Prescott Margaret T. Winters Frances M. Kingsbury, Prin. ... M. Helen Fox Mary E. Glancy, Prin. Anne S. Cornish Edith M. McCann Ivonneta L. Bickford	II, III II I I K III III II II II I I I K K V III, IV II, III K, I III, IV, V K, I, II III, IV, V K, I, II K, I, II K, I, II	35 34 26 30 42 30 32 42 39 38 35 34 38 47 51 34 37 38 44 27 23 32 29 23 21 31 26 45 15	33 30 22 27 38 25 29 36 34 34 32 33 31 43 42 29 33 34 39 25 25 19 29 23 19 29 23 42 12	31 28 21 25 34 23 26 33 32 30 28 29 27 37 36 28 33 32 92 92 92 91 93 91 23 40 11	94 94 93 93 89 91 92 90 90 93 90 88 87 87 95 94 92 88 92 91 91 93 91 96 97	74 58 77 77 39 32 6 33 37 54 33 19 88 38 18 42 107 35 40 25 17 1 35 32 29 1 35 32 29	93 2002 2147 2332 93 3577
S. Palmer	Pickering and May Sts., N.								
Eliot	Central Avenue, N. H.								
Dwight ..	Central Avenue, N.								
Harris ..	Great Plain Avenue, N. ...								
Riverside	Off Highland Ave., N. H. .								
Parker ..	Charles River								

TABLE II—ORGANIZATION
December, 1929

SCHOOLS	TEACHERS	GRADE	Service Began	EDUCATED	Years Experience Previous to Sept., 1929
High	{ William F. Pollard Prin. . .	IX-XII	1927	Middlebury-Harvard	16
	{ Fred L. Frost		1919	Lebanon-Columbia Univ.-Harvard	15
	{ Charles E. Benton		1926	Harvard University	5
	{ Alfred H. Johnson		1923	Sloyd Training-Boston Univ.*†	7
	{ Asa M. Small		1927	Bowdoin College	4
	{ Florence Dudley		1924	Framingham Normal	8
	{ Mary W. Matheson		1924	Bridgewater-Boston Univ.*-Harvard*	15
	{ Leita L. Sawyer		1924	Boston University	11
	{ Anna P. Fessenden		1926	Smith College-Univer. of Minnesota.	11
	{ Mary E. Clarke		1927	Brown Univ.-Univ. of Grenoble*	13
	{ Louise Steele		1926	Colby-Harvard Univ.*	6
	{ Ruth C. Harrington		1926	Boston University	13
	{ Catherine E. Dodge		1925	Univ. New Hampshire-Boston Univ.-Cornell*	6
	{ Eva H. Churchill		1920	Emerson-Boston University†	14
	{ Margaret Rowe		1929	Boston School Physical Education	3
	{ Annie M. Currie		1920	Tufts-Boston Univ.*-Harvard*	17
	{ Florence E. Durgin		1922	Plymouth-Boston Univ.-Univ. of California*	11
	{ Gertrude Lewis		1929	Simmons-Boston University	7½
	{ Alice C. Gates		1924	Fitchburg-Harvard*-Boston Univ.*	12
	{ Doris E. Werner		1928	Boston University	15
	{ Hildegard Berthold		1929	Framingham Normal	1
	{ Clarence B. Washburn, Prin. .		1927	Leipzig Conservatory	7
	{ Harriette M. Cole		1927	Colby-Univ. of Vermont*-Boston Univ.*	9
	{ Bertha E. Pugsley		1902	Castine (Maine) Normal	44
	{ Nellie T. O'Brien		1918	Emerson College	15
	{ Edith R. Hatch		1916	Framingham Normal	19
	{		1923	Fitchburg-Hyannis Normal*	9
Junior High . . .		VIII			
		VIII			
		VIII			
		VII			

Esther Nickerson	VII	1927	Hyannis Normal	18
Gladys M. Russell	VII	1925	Potsdam Cliff Haven *—Hyannis*	10
Sylvia A. Collins	VI	1925	Farmington Normal—Plymouth† Keene*	19
Gladys I. Gilbert, Prin.	VI	1925	Western State Normal—Boston Univ.	11
Alice E. Chase	VI	1926	Framingham Normal—Boston Univ.†	6
Mary E. Kett	VI	1928	Hyannis Normal	3
Celia A. Dean	V	1927	Plymouth Normal—Boston Univ.†	7
Leila Ross.	V	1925	Farmington (Maine) Normal	6
Gladys A. Howarth	V	1929	Framingham Normal	2
Rebecca H. Perry	IV, V	1924	Washington State Normal—Boston Univ.†	6
Ethel L. Morehouse	IV	1924	Provincial—Truro Normal*—Boston Univ.†	9
Wilma F. Mayo	IV	1927	Castine (Me.) Normal—Boston Univ.†	10
Dene R. Kelley	III	1926	Framingham Normal—Fitchburg*	4
Ruth T. Burns.	Assistant	1928	Gorham Normal	2
Jerome C. Sisson, Asst. Prin.	VIII	1928	Clarkson Tech—Harvard†—Boston Univ.*	2
Nina A. Hopkins	VIII	1926	Bridgewater Normal	5
Helen A. Goehring	VIII	1928	Fitchburg Normal—Hyannis—Boston Univ.*	3
Mollie Reynolds	VII	1928	Fitchburg Normal	3
R. Louise Cone	VII	1929	Wheelock—Boston Univ.	12
Ruth G. Chisholm	VI	1925	Keene Normal	7
Katherine A. Pratt	VI	1926	Bridgewater—Boston Univ.*	5
Luella Eaton	V	1905	Plymouth Normal	26
Alice M. Elliot.	IV, V	1928	Hyannis—Boston Univ.†	3
Helen C. Johnson	IV	1924	Framingham Normal	7
Ruth A. Webb	III	1910	Hallowell (Maine) Classical	20
Pearle M. Phillips	II, III	1925	Wheelock—Boston Univ.*	7
Elizabeth A. Lester	II	1889	Framingham Normal	40
Clara A. Dray	I, II	1925	Perry—Boston Univ.†	4
Harriette N. Boyd	I	1903	Newburyport—Harvard Univ.†	33
Ruth E. Smith	K	1926	Wheelock—Boston Univ.†	3

* Summer Courses.

† Partial Courses.

TABLE II — ORGANIZATION — Continued

SCHOOLS	TEACHERS	GRADE	Service Began	EDUCATED	Years Experience Previous to Sept., 1929
S. Palmer	Florence E. Eaton, Prin.		1889	Needham High-Hyannis*-Harvard†	40
	Bertha I. Johnson	III	1918	Castleton (Vermont) Normal	18
	Glady Johnson	III	1924	Edinboro-Teachers' College†	6
	Madolin F. Wilcox		1919	Farmington (Me.) Hyannis*-Boston Univ.*	11
	Mary E. Blake	II	1907	Needham High-Hyannis*	21
	Mabel E. Jacobs	II	1919	Wheelock-Worcester Normal†	15
	Jane B. Doughty	I	1919	Bridgewater-Hyannis*-Boston Univ.*	11
	Mildred E. Tammett	I	1928	Bridgewater Normal	3
	Lillian H. Totman	I	1912	Quincy-North Adams Normal*	30
	Elsie M. Hinkley	K	1918	Framingham-M. A. C.*-Page Memorial*	17
Eliot	Alice M. McDougald	K	1916	Fisher-Boston Univ.*	18
	Alice H. Eberhardt, Prin.	IV, V	1899	Needham High-Hyannis Normal	34
	Ann E. Fawcett	III, IV	1919	Hyannis Normal-Mass. Normal Art*	13
	Lillian Prescott	II, III	1921	Gorham (Me.) Normal	11
	Margaret T. Winters	K, I, II	1926	Wheelock Training School	4
Dwight	Florence E. Baker	Assistant	1929	Westfield Normal	1
	Frances M. Kingsbury, Prin.	III, IV, V	1881	Needham High-Mass. Extension Courses†	48
Harris	M. Helen Fox	K, I, II	1921	Wheelock Training School	8½
	Mary E. Glancy, Prin.	II, III, IV	1888	Needham High-Hyannis-Boston Univ.†	41
Riverside	Anne S. Cornish	K, I, II	1928	Needham High-Hyannis-Boston Univ.†	2
	Edith M. McCann	K, I, II	1908	Bridgewater Normal	21
Supervisors	Amy M. Gibbs	Drawing	1928	Boston University	8
	Ellen H. Bartlett	Music	1904	Mass. School Art-Chicago Art Inst.*	36
	Philip H. Claxton	Phys. Educ.	1929	Springfield-E.Stroudsburg St. Teach. Col. (Pa.)	4
	Nora E. Gateley	Dressmaking	1926	Roxbury High-Mass. Extension Courses	9

* Summer Courses.

† Partial Courses.

MEMBERSHIP BY GRADES
December 20, 1929

GRADES	K	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	P.G.	Total
Elementary	225	244	225	227	196	182	188	189	176	184	145	129	74	.....	1,852
High .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	535
Total .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,387

**THE FOLLOWING TABLE SHOWS SCHOOL EXPENDITURE IN NEEDHAM COMPARED WITH FOURTEEN
OTHER TOWNS**

TOWNS	Population 1925	Valuation 1928	Valuation per Pupil in Average Membership	Expenditure per Pupil from Local Taxation	Expenditure per Pupil from All Sources	Expenditure for Schools per \$1,000 Valuation
Norwood	14,151	27,444,155	8,571	90.85	99.71	10.60
Dedham	13,918	23,785,400	7,868	71.93	81.37	9.14
Belmont	15,256	35,384,605	9,710	81.45	89.13	8.39
Brantree	13,193	22,570,375	7,177	73.72	80.77	10.27
Winchester	11,565	31,077,775	14,509	97.13	105.56	6.69
Amesbury	11,229	11,812,808	9,667	85.47	102.25	8.84
Milton	12,861	34,097,410	13,456	90.59	98.71	6.73
Andover	10,291	17,576,309	12,316	90.94	99.24	7.38
Concord	7,065	8,591,860	6,929	98.38	117.12	14.20
Middleboro	9,136	9,566,415	5,552	60.28	76.17	10.86
Lexington	7,785	18,525,910	9,231	79.55	95.52	8.62
Wellesley	9,049	32,992,970	17,095	135.06	146.73	7.90
Abington	5,882	5,736,295	4,865	72.22	84.11	14.84
Walpole	6,508	14,330,063	8,627	78.75	89.51	9.13
Needham	8,977	19,887,185	9,280	83.72	91.82	9.02

GRADUATES

High School—79

William F. Pollard, Principal

Name	Present Occupation
Edward Matthew Ahearn	Bryant & Strattons'
Ruth Eunice Allen	Mt. Holyoke College
Silas Herbert Bacon	Northeastern
Charles Albee Beale	F. A. Foster Co., Boston
Walter Everett Bezanson	Dartmouth College
Warren Converse Bois	Northeastern
Priscilla Boyd	Smith College
Helen Gertrude Carpenger	Carter's Office
Edith Marion Chambers	Carter's Office
Pauline Barbara Childs	Abroad
Katherine J. Chilson	Carter's Office
Barbara Ensign Church	Designer's Art School
Edith Jane Church	Simmons' College
Lorraine Clark	Lasell Seminary
Francis Woodman Cleaves	Dartmouth College
Norma Elise Colburn	Q-P Signal Company
Mildred Priscilla Colton	MacGregor Instrument Co.
Elsie H. Cooke	MacGregor Instrument Co.
Helen Rosamond Coombs	Carter's Office
Catherine Wright Cronin	N. E. Tel. & Tel. Co.
Charlotte Boothby Cushman	Katherine Gibbs' School
Ruth Harriet Dawson	Post Graduate
Elinor Louise Day	Katherine Gibbs' School
Robert Francis Day	Northeastern
Loretta Agnes Donahue	Office, Charles E. Stanwood
Alvah Holden Durkee	In business
Karl Ames Flint	Huntington School
Elinor Louise Glidden	Choate School
Thelma Elizabeth Gorse	Q-P Signal Company
Mary M. Grasso	Framingham Normal School
Fannie Gross	Carter's Office
Lucile Frances Gulliver	Bouve School
Ruth Halkett	Office, John Hancock Co.
Helen Hammersley	Burdetts'
Edward Siebert Hansis	Dartmouth College
Clinton Charles Harkins	With Curtin & Roberts
Ruth Warner Harris	Katherine Gibbs' School
Lowell W. Hodsdon	Boston Safe Deposit & Trust Co.
Charles Carroll Hollis	Marquette University
Gorham Wheeler Humphrey	At Home
Edna Niebuhr Inge	Choate School
Louise Ardelle Josselyn	Office, Boston Con. Gas Co.
Esther Margaret Kimball	Faulkner Hos. Nurses Train. School
Levi Ladd	R. I. State College
Annie Louise Lee	Working
Edith Isabel MacKinnon	Bouve School
Robert Ellis Mann	Chauncey School
William Hugh Mulherin	Boston College
Phyllis Ellen Nichols	Carter's Office
Frances Pitman Oliver	Academy of Speech Art, Boston
James Gleason O'Neill	Carter's Office
Robert Wesley Pearson	Boston Safe Deposit. & Trust Co.
John W. Prescott	Saco-Lowell Shops
Edward Hildreth Proctor	Tilton School
Paul Treat Quinlan	Harvard College

High School — *Continued*

Name	Present Occupation
Charles Henry Randall	Northeastern
Lloyd Southwick Remsen	Nickerson's Store
Arthur Edson Rodgers	A. & P. Stores, Oak Bluffs
Alvan Sherman Ryan	Rubber Threads Corp.
Dorothea Margaretha Salman	Jackson College
Raymond Talcott Sanders	Suburban Hardware Company
Virginia Sawtelle	Simmons' College
Elsie Elizabeth Schwartzner	Needham National Bank
Fred Sidney Seigel	Working for his father
Harold Bernard Skinner	Raphael's Typewriter Co., Boston
Pauline Carmen Stanley	Massachusetts Business Bureau
Dexter Parker Stark	Burdetts'
Ruth Elizabeth Starkweather	School of Design
Malcolm Chamberlain Stewart	Mass. Agricultural College
Mabel Sarah Thomas	E. A. Patch Co., Boston
Albert William Tocci	Needham National Bank
Marion Alyce Wagner	Sargent School
June Waldron	Wheaton College
Bryce Bates Walton	Purdue University
George Ellsworth Warren	Babson Institute
Blanche Constance Weston	Carter's Office
Marie Frances Whelan	Boston School Phys. Education
John W. Woodruff	Chamberlain Metal Weather Strip Co.
Eleanor Newton Wragg	Boston University

JUNIOR HIGH SCHOOL — 103

Clarence B. Washburn, Principal

Ralph Guy Adams, Jr.	William Daniel Desmond
Anna Marie Alden	James S. Down
Lillo Alaimo	Frances Jean Dunn
Gilman Blake Andrews	Charles R. Eastman
Helen May Barton	Barbara L. Eldridge
Richard F. Battles	Charles Henry Ewing
Lillian Bleakney	Catherine Fiorentino
Lottie May Bleakney	Conrad W. Fisher
Jeanette Ruth Amelia Boschen	Elizabeth Gilbert
George Minott Boyce, Jr.	Agnes Crawford Gillespie
C. Stewart Brant	Dorothy May Gillis
Phyllis Courtney Brown	Eugene Herbert Gordon, Jr.
William Karl Brown	Hazel May Hampton
Martha Buckley	Edmund Alfred Hanson
Phyllis Barbara Burr	Frederick H. Harwood
Eleanor Folger Caldwell	Louise Hodgdon
Richard A. Carmichael	Carita Holton
George Lucius Cleaves	Albert William Hopson, Jr.
Carroll Bradford Cobb	Kathryn Virginia Howell
Howard Wheeler Cole	Neal Jacobs
Lillian R. Compton	Elmer E. Kelley, Jr.
Marjorie E. Cookson	Muriel F. Kennedy
Walter Bernard Cookson	Gladys Irene Knowles
Francis W. Cronin	Violet Rachel Lee
Anna Agnes Curtin	Marjorie Rose Lunsford
Joseph Walter Cylinski	Lawrence Mahoney
Naomi Ruth Dalrymple	Veronica Matherweiz
Marguerite Wright Day	Norman P. Michelson
Robert R. Dearing	Leo Joseph Mulherin

Junior High School — Continued

Thomas Francis Mulherin
 Thomas Murphy
 Lawrence Neill
 John J. Newbury
 Arthur Owens
 Robert Starr Parker
 Anna A. Parks
 Evelyn Fay Perry
 Ernest Pezzella
 Robert Reed Procter
 Arthur Redmond
 Phyllis Mae Redmond
 Karl W. Richards
 Virginia Richards
 Dorothy Fitch Roberts
 Joseph Doane Roberts
 William Everett Roper, Jr.
 Frank Allen Rosenkrans
 Robert Ross
 Willett Rowlands
 Grace Madaline Scott
 Thelma Cleveland Silsby
 Frank Morrison Slack, Jr.

Rose Small
 Josephine Starkweather
 Ruth Elizabeth Steeves
 Grace Emily Stowell
 Clare M. Sturtevant
 Evangeline Tomaino
 Carlton B. Tracy
 James Dudley Turney
 Amathy Van Ornum
 Eleanor Marie Walker
 Eugene Edward Walker
 Sophie Margaret Walton
 Alyce Anne Warne
 Barbara Ellis Webber
 Ronald Albert White
 Una Ursula Whitehead
 Elias George Whitley, Jr.
 Roy Merton Wiggin, Jr.
 Mary Willett
 Esther Marie Wilson
 George F. Wollinger, Jr.
 David Wentworth Wood

WILLIAM CARTER SCHOOL — 85

Clarence B. Washburn, Principal

Arthur W. Atkinson, Jr.
 Ida Bailey
 Margaret T. Barbour
 Elizabeth Sharkie Bejoian
 Benjamin Breatly
 Amos L. Brigham
 Ruth Elizabeth Brooks
 Aletha Mary Cahill
 Angelo Carapezza
 Eleanor Noreen Casey
 Flora Chiappisi
 Liberato Ciarlantini
 Ethel C. Closson
 Alice Pauline Crisp
 Joseph Francis Crowley
 Ruth Lillian Dallachie
 Peter DiFoggio
 Alexander Dolitka, Jr.
 Dorothy Marie Foster
 Antonio Gabriele
 Annie Gaisunas
 Alice B. Gambell
 James Benjamin Gambell
 Ruth Mary Godfrey
 Leonard L. Grasso
 Julia Mary Greges
 David F. Hall
 Robert W. Harkins
 Mary Beatrice Henry
 Naveta Pearl Hoag
 Ruth Alberta Holman
 William Clews Humberstone

Gertrude Lillian Jackson
 Gladys Mae Jackson
 John Kalinowski
 Annie Karlonis
 John Keris
 Edith Grace Kershaw
 Donald B. Knowlton
 Francis G. Landry
 Leone Eloise Low
 Muriel Lowell
 Sophie Maciunski
 Walter Makarovitch
 Joseph John Marino
 Jennie Marusa
 Eileen McGuigan
 Emily Mescia
 Bertram Scott Nickerson
 Annie Niden
 George Niden
 Victor Niden
 Sally Anna Olbris
 Francis Andrew Perry, Jr.
 Mary T. Pirro
 Aurora Polverini
 Janette J. Ramsay
 Edman MacCallum Remsen
 Constance Marie Rheume
 Walter Allan Rhynd, Jr.
 Avanti Rossi
 Avenire Rossi
 Edward J. Ruane
 James Marcus Ryan

William Carter School—Continued

Carmino Sammarco	Emma M. Swagher
Marcus Evan Seidenberg	Irma Helen Toone
Angelina Shaldone	Catherine Vara
Margaret Elizabeth Shea	Gertrude Wainwright
Winifred Ella Shuker	Barbara Alice Ward
Margaret Simpson	Charles Waters
Margaret Anna Slaney	Samuël Weinstein
Jessie Walker Stewart	Anthony Joseph Wesalowski
Myrtle Louise Strong	Eunice Howland Whitaker
Joseph Stupak	Bernard Joseph Wilson
Grace E. Sullivan	

ROLL OF HONOR

Pupils neither absent nor tardy during the school year 1928–1929.

Nine Years

Edward Hansis, Senior, High.

Five Years

June Waldron, Senior, High
Julia Bacchiochi, Freshman, High

Four Years

Maurice Holman, Freshman, High.
Jessie Lansberg, Freshman, High.
Marjorie Waining, Grade VII, William Carter.
Stella Sienczuk, Grade IV, Eliot.

Three Years

Frederick Broadley, Sophomore, High.
Maynard Barnes, Freshman, High.
Gladys Irene Knowles, Grade VIII, Junior High.
Carroll B. Cobb, Grade VIII, Junior High.
Jessie Stewart, Grade VIII, William Carter.

Two Years

Arthur H. Buckman, Jr., Sophomore, High.
Adelaide Poland, Sophomore, High.
Catherine Droney, Freshman, High.
Ruth Nichols, Freshman, High.
Alyce Warne, Grade VIII, Junior High.
Eunice Mumford, Grade VII, Junior High.
Roberta Cushman, Grade VI, Kimball.
David Hall, Grade VIII, William Carter.
Mary B. Henry, Grade VIII, William Carter.
Catherine S. Vara, Grade VIII, William Carter.

Dorothy Humberstone, Grade V, William Carter.
Ruth Titus, Grade V, William Carter.
William Condryn, Grade IV, William Carter.
Harold Pandolf, Grade I, Avery.
Walter Marusa, Grade II, Riverside.

One Year

Mabel Thomas, Senior, High.
Malcolm Stewart, Senior, High.
Paul Quinlan, Senior, High.
Francis Cleaves, Senior, High.
Charlotte Cushman, Senior, High.
Karl Flint, Senior, High.
Gladys Cassidy, Junior, High.
Julia Mullan, Junior, High.
Ella Niden, Junior, High.
Lois Beech, Sophomore, High.
Robert Cassidy, Sophomore, High.
Arthur Hartshorn, Sophomore, High.
Ethel Leland, Sophomore, High.
Gordon May, Sophomore, High.
Ruth Stanwood, Sophomore, High.
Blanche Stupak, Sophomore, High.
Thomas Allen, Freshman, High.
Anastasia Calitri, Freshman, High.
Priscilla Bacon, Freshman, High.
Frederick Cleaves, Freshman, High.
Margaret Derenzo, Freshman, High.
Edward Donald, Freshman, High.
Erle Down, Freshman, High.
Frederick Mann, Freshman, High.
James Notman, Freshman, High.
Velina Pandolf, Freshman, High.
Wallace Rae, Freshman, High.
John Stewart, Freshman, High.
Muriel Thacker, Freshman, High.
Joseph Roberts, Grade VIII, Junior High.
Grace Scott, Grade VIII, Junior High.
Phyllis C. Brown, Grade VIII, Junior High.
Sophie Margaret Walton, Grade VIII, Junior High.
Eugene H. Gordon, Grade VIII, Junior High.
Ethel Hewett, Grade VII, Junior High.
Virginia Walker, Grade VII, Junior High.
Burnham Cowdrey, Grade VII, Junior High.
Fiorina Zaffini, Grade VII, Junior High.
Lloyd Bigelow, Grade VI, Kimball.
Roger Stanwood, Grade VI, Kimball.
Evelyn Harris, Grade VI, Kimball.
Charles Neal, Grade V, Kimball.

Cynthia Cutler, Grade V, Kimball.
Donald Gilfoy, Grade V, Kimball.
*Charlotte Boyer, Grade V, Kimball.
Joseph Thorpe, Grade IV, Kimball.
Albert Wragg, Grade IV, Kimball.
Chester Williams, Grade IV, Kimball.
Muriel Chase, Grade III, Kimball.
John Kalinowski, Grade VIII, William Carter.
Ruth Holman, Grade VIII, William Carter.
John Kosmenko, Grade VII, William Carter.
Laura Savignano, Grade VII, William Carter.
Eva Pandolf, Grade VII, William Carter.
Idea Ricciardelli, Grade VII, William Carter.
Carl Willgoose, Grade VII, William Carter.
Florence Pandolf, Grade V, William Carter.
Aurora Ricciardelli, Grade V, William Carter.
Harrison Holman, Grade V, William Carter.
William Tilden, Grade V, William Carter.
Marjorie Lowell, Grade V, William Carter.
Anna Hauptman, Grade V, William Carter.
Margaret Calitri, Grade IV, William Carter.
Elsie Monahan, Grade IV, William Carter.
Lillian Hauptman, Grade IV, William Carter.
Marjorie Willgoose, Grade III, William Carter.
Lily Anderson, Grade III, William Carter.
James Henry, Grade III, William Carter.
Alfred Di Poli, Grade III, Avery.
Charles L. Lawson, Grade III, Avery.
Gertrude A. Wildman, Grade II, Avery.
George Anderson, Kindergarten, Avery.
Andrew L. Lawson, Kindergarten, Avery.
Newton L. Roberts, Kindergarten, Stephen Palmer.
Helen Bielski, Grade IV, Eliot.
Joseph Biziak, Grade III, Eliot.
Marjorie S. Cassidy, Grade V, Harris.
Hazel M. Scott, Grade IV, Harris.
Shirley Cassidy, Grade II, Harris.
Robert A. Scott, Grade I, Harris.
Joseph Keris, Grade II, Riverside.
Fenner J. Gerlach, Grade II, Parker.

* Omitted from last year's Honor Roll by error.

TOWN OF NEEDHAM

REPORT

OF THE

FINANCE COMMITTEE

TO THE TOWN

AT THE

ANNUAL MEETING, MARCH 18, 1929

ELECTION, MARCH 11

BUSINESS MEETING, MARCH 18, AT 7.30 O'CLOCK



NEWTON

GARDEN CITY PRESS, Inc.

1929

REPORT OF FINANCE COMMITTEE

To the Inhabitants of the Town of Needham:

In presenting this report the Finance Committee have borne in mind in all its work the necessity for strict economy as the Town had already appropriated \$43,000 for the purchase of school land which must be included in this year's tax rate. The department appropriations as recommended are in excess of 1928 by about \$29,000 and special appropriations by \$28,000, making a present total increase over 1928 of approximately \$100,000. If the construction of the new high school be authorized before August first there must be additional appropriation of about \$20,000. The annual growth of the Town's valuation should allow for an increase of \$50,000 but any sum over this amount must increase the tax rate. Your committee urges that all proposals for an increase in the amounts appropriated be examined with special care.

RECOMMENDATIONS ON ARTICLES IN THE WARRANT

ARTICLE 4. To see what action the Town will take relative to unexpended balances and deficiencies of 1928.

Recommended: That all unexpended balances be returned to the Treasury. Unexpended balance of total \$25,995.79. Unpaid bills received after January first total approximately \$4,000. Deficiencies amount to \$3,791.45.

ARTICLE 5. To see what disposition the Town will make of the money received from dog licenses.

Recommended: That this money, \$1,489.75, be appropriated for the use of the Public Library.

ARTICLE 6. To see what sums of money the Town will appropriate for the necessary Town charges and expenses.

Recommended: That the following sums be appropriated:

APPROPRIATIONS RECOMMENDED BY THE FINANCE COMMITTEE FOR 1929

	Expenditures 1928	Requested 1929	Recommended 1929
Board of Selectmen:			
Salary of Board	\$450 00	\$450 00	\$450 00
Salary of Clerks	1,665 00	1,920 00	1,920 00
Expenses	619 67	680 00	680 00
	<hr/>	<hr/>	<hr/>
	\$2,734 67	\$3,050 00	\$3,050 00
Accounting Department:			
Salary	\$1,700 00	\$1,700 00	\$1,700 00
Clerk .....	.....	1,170 00	1,170 00
Expenses	141 93	200 00	200 00
	<hr/>	<hr/>	<hr/>
	\$1,841 93	\$3,070 00	\$3,070 00
Treasurer:			
Salary and Clerk	\$2,000 00	\$2,000 00	\$2,000 00
Bond	225 00	225 00	225 00
Expenses	419 37	500 00	500 00
	<hr/>	<hr/>	<hr/>
	\$2,644 37	\$2,725 00	\$2,725 00
Assessors:			
Salary of Board	\$3,000 00	\$3,600 00	\$3,200 00
Salary of Clerk	1,300 00	1,500 00	1,400 00
Expenses	1,296 95	1,300 00	1,300 00
Block Plans	1,000 00	1,000 00	1,000 00
Moon-Hopkins machine .....	.....	2,200 00	2,200 00
	<hr/>	<hr/>	<hr/>
	\$6,596 95	\$9,600 00	\$9,100 00
\$200.00 increase to full time member only is recommended.			
Tax Collector:			
Salary and expenses	\$3,007 97	\$3,250 00	\$3,250 00
Bond	450 00	450 00	450 00
	<hr/>	<hr/>	<hr/>
	\$3,457 97	\$3,700 00	\$3,700 00
Board of Registrars:			
Salaries	\$300 00	\$300 00	\$300 00
Expenses	2,033 08	670 00	670 00
	<hr/>	<hr/>	<hr/>
	\$2,333 08	\$970 00	\$970 00
Town Clerk:			
Salary and Fees	\$917 75	\$900 00	\$900 00
Expenses	174 49	200 00	200 00
	<hr/>	<hr/>	<hr/>
	\$1,092 24	\$1,100 00	\$1,100 00
Finance Committee:			
Expenses	\$263 50	\$300 00	\$300 00

	Expenditures 1928	Requested 1929	Recommended 1929
Town Hall and Grounds:			
Janitor	\$1,560 00	\$1,560 00	\$1,560 00
Janitor Department	191 27	550 00	340 00
Maintenance	861 08	995 00	900 00
Grounds	64 53	100 00	100 00
Repairs	463 85	700 00	700 00
Improvements	1,732 92	3,092 21	2,400 00
	<hr/> \$4,873 65	<hr/> \$6,997 21	<hr/> \$6,000 00

Board of Survey:

Expenses	\$97 22	\$200 00	\$200 00
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Police Department:

Chief	\$2,500 00	\$2,685 00	\$2,500 00
Two Sergeants	2,200 00	4,769 00	4,400 00
Eight Men	15,890 96	17,025 00	15,500 00
Special	1,214 45	550 00	550 00
Traffic signs and signals and maintenance	588 87	1,450 00	1,450 00
Office expense and miscel- laneous	548 57	750 00	750 00
Auto expenses	1,230 61	1,714 00	1,614 00
Equipment for men	127 90	200 00	200 00
	<hr/> \$24,301 36	<hr/> \$29,143 00	<hr/> \$26,964 00

Fire Department:

Chief Engineer	\$2,400 00	\$2,700 00	\$2,400 00
Lieutenant	2,100 00	2,300 00	2,200 00
Six Men	11,500 86	12,751 32	11,100 00
One new man at \$1,700 (two requested)		2,692 90	1,275 00
Two Engineers	600 00	600 00	600 00
Call Force	3,539 34	3,550 00	3,550 00
Maintenance	4,340 94	4,750 00	4,750 00
Forest Fire Piece (not recom- mended)		1,500 00	.....
	<hr/> \$24,481 14	<hr/> \$30,844 22	<hr/> \$25,875 00

Fire Alarm:

Salary	\$150 00	\$350 00	\$300 00
Three Replacements }		405 00	405 00
Three new boxes }	2,083 65	462 00	462 00
Supplies		1,450 00	1,450 00
New truck		888 00	888 00
	<hr/> \$2,233 65	<hr/> \$3,555 00	<hr/> \$3,505 00
Newton connection	1,358 15		
	<hr/> \$3,591 80		

Forest Warden:

Salary (Fire Chief)	\$100 00	\$100 00	\$100 00
Expenses	38 85	45 00	45 00
	<hr/> \$138 85	<hr/> \$145 00	<hr/> \$145 00

TOWN OF NEEDHAM

	Expenditures 1928	Requested 1928	Recommended 1929
Tree Work:			
Moth Dept. Public Work . . .	\$3,405 11	\$3,500 00	\$3,500 00
Moth Dept. Private Work . .	1,471 55	2,000 00	2,000 00
Tree Warden	1,071 98	1,500 00	1,500 00
Town Nursery	28 25	100 00	100 00
Inspection Department:			
Building Inspector	\$1,010 00	\$1,000 00	\$1,000 00
Plumbing Inspector	525 00	600 00	600 00
Wiring Inspector	749 75	1,000 00	1,000 00
Cesspool Inspector	350 00	350 00	350 00
Cattle Inspector	300 00	300 00	300 00
Weight and Measures	200 00	200 00	200 00
Expenses	343 55	325 00	325 00
	<hr/>	<hr/>	<hr/>
	\$3,478 30	\$3,775 00	\$3,775 00
Board of Health:			
Agent	\$1,575 00	\$1,800 00	\$1,800 00
Clerk (not recommended this year)	260 00	260 00	260 00
Transportation	185 99	200 00	200 00
Hospitalization	1,298 66	2,300 00	1,725 00
Dumps	400 00	400 00	400 00
Expenses	1,153 04	625 00	625 00
	<hr/>	<hr/>	<hr/>
	\$4,872 69	\$5,585 00	\$4,750 00
Garbage Removal	\$2,100 00	\$2,200 00	\$2,200 00
Sewer Department:			
Superintendent	\$2,313 77	\$3,200 00	\$3,200 00
Clerk	1,026 00	1,144 00	1,144 00
Expenses	1,554 66	1,556 00	1,556 00
	<hr/>	<hr/>	<hr/>
	\$4,894 43	\$5,900 00	\$5,900 00
Department Public Welfare .			
State	\$15,994 50	\$17,000 00	\$17,000 00
Military Aid	168 00	200 00	200 00
Soldiers' Relief	120 00	1,000 00	300 00
	1,352 00	2,000 00	1,500 00
Highways:			
General	\$71,393 12	\$112,520 00	\$74,800 00
Sidewalks	5,081 50	5,000 00	5,000 00
Sidewalks, Betterment Act . .	5,636 37	6,000 00	6,000 00
Snow Removal	5,999 43	6,000 00	6,000 00
	<hr/>	<hr/>	<hr/>
	\$88,110 42	\$129,520 00	\$91,800 00
Street Lighting	\$17,348 20	\$23,614 15	\$23,614 15

	Expenditures 1928	Requested 1929	Recommended 1929
Schools:			
General Expenses	\$6,722 44	\$6,889 00	\$6,889 00
Instruction	150,359 62	153,935 00	153,935 00
Operating	22,004 13	26,000 00	26,000 00
Auxiliary Agencies	6,509 63	6,750 00	6,750 00
Miscellaneous	6,594 85	5,525 00	5,525 00
Maintenance	6,755 37	7,600 00	7,600 00
	<hr/> \$198,946 04	<hr/> \$206,699 00	<hr/> \$206,699 00
Less income from Dwight School Fund .....	.....	.....	210 00
To be appropriated .....	.....	.....	<hr/>\$206,489 00
Vocational Tuition	\$1,576 27	\$2,500 00	\$2,500 00
Public Library:			
Salaries	\$4,805 00	\$4,900 00	\$4,900 00
Books and Periodicals	1,624 08	1,770 00	1,770 00
Other expenses	2,720 26	2,790 00	2,790 00
	<hr/> \$9,149 34	<hr/> \$9,460 00	<hr/> \$9,460 00
Less income from Barr and Greenwood Funds .....	.....	.....	570 03
Less income from Dog Li- censes .....	.....	.....	1,489 75
To be appropriated .....	.....	.....	<hr/>\$7,400 22
Park Commissioners	\$2,688 31	\$2,500 00	\$2,500 00
Memorial Park	\$2,478 09	\$3,500 00	\$3,500 00
Planning Board	\$97 82	\$400 00	\$400 00
Board of Survey	\$97 22	\$200 00	\$200 00
Insurance	\$2,952 73	\$3,200 00	\$3,200 00
Unclassified	\$8,468 11	\$9,461 00	\$8,461 00
To include Town reports, dog officer, certification of notes, legal expenses, Tax titles, Engineers' fees, Christmas trees, Registry of Deeds, damage awards, miscellaneous.			
Memorial Day	\$263 17	\$300 00	\$300 00
Soldiers' Graves	\$396 59	\$400 00	\$400 00
Norfolk County Hospital ...	\$4,392 49	\$5,175 99	\$5,175 99
Reserve Fund	\$1,768 13	\$2,500 00	\$2,500 00
Interest:			
On Temporary Loans	\$14,766 62	\$15,000 00	\$15,000 00
On Funded Loans	25,197 00	26,844 00	26,844 00
Payment of bonds	46,400 00	46,400 00	46,400 00

	Requested 1929	Recommended 1929
Special Articles:		
Article 11, Homeopathic Hospital	\$754 00	\$754 00
Article 16, Sewer assessments	1,100 33	1,100 33
Articles 19, 20, Glover Hospital	21,000 00	21,000 00
Article 21, Signal Lights	1,740 63	1,740 63
Article 22, Game Warden	100 00	100 00
Article 23, Greendale Avenue	15,000 00	15,000 00
Article 27, Lawton Road	10,000 00	10,000 00
Article 30, Mills Road	2,500 00	2,500 00
Article 32, Otis Street	4,000 00	4,000 00
Article 34, Parkinson Street	6,200 00	6,200 00
Article 36, Powers Street	11,000 00	11,000 00
Article 61, Fence	500 00	500 00
Article 62, Fourth of July	1,000 00	1,000 00
		<hr/>
		\$63,894 96
Requested but not recommended this year		
Articles 24, 26, Harris Avenue	\$36,000 00	
Article 44, Municipal storage	15,000 00	

ARTICLE 7. To see if the Town will authorize the Treasurer, with the approval of the Selectmen to borrow money in anticipation of revenue of the current financial year.

Recommended: That the substance of this article be adopted.

ARTICLE 8. To see what action the Town will take relative to the salaries of its Town officers.

Recommended: That the salaries of all elected Town Officers except one assessor be the same as 1928.

ARTICLE 9. To see in what manner the Town will have its taxes collected and fix the compensation therefor for the current year.

Recommended: That the taxes be collected in the same manner as in 1928 and that the compensation be at the same rate; namely, one-half per cent of the tax warrant, payable as and when collected, same to include all expenses except payment of the collector's bond.

ARTICLE 10. To see if the Town will vote to authorize the assessors to use the free cash in the treasury to meet appropriations made under articles of the warrant for this meeting.

Recommended: That the Town authorize the assessors to use an amount not to exceed \$30,000 of the free cash in the Treasury to meet appropriations made under articles of the warrant for this meeting.

ARTICLE 11. To see if the Town will appropriate the sum of seven hundred fifty-four dollars (\$754.00) incurred for hospital expenses at the Massachusetts Homeopathic Hospital in 1924, 1925, and 1926, and at the Massachusetts Eye and Ear Infirmary in 1926.

Recommended: That the sum of \$754 be appropriated.

ARTICLE 12. To see if the Town will vote to rescind its vote passed under Article 44 of the warrant for the Annual Town meeting, held March 19, 1928, whereby the Town voted to authorize its Treasurer with the approval of a majority of the Selectmen to borrow fifteen thousand dollars (\$15,000) for the purpose of extensions of its common sewers.

Recommended: That the substance of this article be adopted.

ARTICLE 13. To see if the Town will vote to transfer from the Sewer Assessment Reserve Fund to the General Fund the sum of fifteen thousand dollars (\$15,000) together with interest thereon amounting to three hundred seventy-five dollars (\$375) to reimburse the General Fund for fifteen thousand dollars (\$15,000) advanced therefrom for extensions of common sewers in 1928. Said fifteen thousand dollars (\$15,000) having been appropriated for extensions of common sewers under Article 43 of the warrant for the Annual Town Meeting, held March 19, 1928.

Recommended: That the substance of this article be adopted. The entire amount is in the Treasury.

ARTICLE 14. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the purpose of extensions of the common sewers; said six thousand dollars (\$6,000) to be taken from the Sewer Assessment Reserve Fund, or pass any vote or votes relative thereto.

Recommended: That the substance of this article be adopted. The entire amount is in the Treasury.

ARTICLE 15. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the purpose of extensions of the common sewers and to meet said appropriation to take the sum of five thousand dollars (\$5,000) from the free cash in the Treasury and authorize the Treasurer, with the approval of the Selectmen, to borrow twenty-five thousand dollars (\$25,000), in accordance with Chapter 324 (1) of the Acts of 1928 and issue the notes or bonds of the Town therefor payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Recommended: That the substance of this article be adopted. The money is to be repaid from sewer assessments as received.

ARTICLE 16. To see if the Town will appropriate the sum of one thousand one hundred dollars and thirty-three cents (\$1,100.33) to reimburse the Sewer Construction Account for uncollectible sewer assessments made in 1928 against Town property, or pass any vote or votes relative thereto.

Recommended: That the sum of \$1,100.33 be appropriated to reimburse the Sewer Construction account for uncollected Sewer assessments made in 1928 against Town property.

ARTICLE 17. To see what sum of money the Town will appropriate for particular sewers and house connections.

Recommended: That the sum of \$10,000 (same as 1928) be appropriated. Sewer regulations require that the cost of such connections be paid in advance by the property owner, and this article simply legalizes the use of these payments for this specific purpose.

ARTICLE 18. To see if the Town will appropriate the sum of twenty thousand dollars (\$20,000) for the use of the Water Department to provide for the extension of water mains and for water departmental equipment; and to meet said appropriation to authorize the Treasurer, with the approval of the Selectmen, to borrow twenty thousand dollars (\$20,000) in accordance with Chapter 291 (7) of the Acts of 1928, and to issue the notes or bonds of the Town therefor payable in accordance with General Laws, Chapter 44, Section 19 and the Acts in amendment thereto, so that the whole loan shall be paid in not more than five years, or at such earlier date as the Treasurer and Selectmen may determine, or pass any vote or votes relative thereto.

Recommended: That the substance of this article be adopted provided the money be repaid from Water Department earnings as received.

ARTICLE 19. To see if the Town will appropriate the sum of eighteen thousand dollars (\$18,000) for the maintenance of the Glover Memorial Hospital, or pass any vote or votes relative thereto.

Recommended: That the sum of \$18,000 be appropriated for the maintenance of the Glover Memorial Hospital.

ARTICLE 20. To see if the Town will appropriate the sum of three thousand dollars (\$3,000) for repairs to the Glover Memorial Hospital buildings on Chestnut Street, or pass any vote or votes relative thereto.

Recommended: That the sum of \$3,000 be appropriated for repairs to the Glover Memorial Hospital buildings.

ARTICLE 21. To see if the Town will appropriate the sum of thirty-five hundred dollars (\$3,500) of which sum seventeen hundred forty dollars and sixty-three cents (\$1,740.63) is to be used to pay for traffic signals purchased and installed in 1928, and the balance to be used for the purchase and installation of traffic signals in 1929, or pass any vote or votes relative thereto.

Recommended: That the sum of \$1,740.63 be appropriated for the traffic signals now installed but no further installation be made until the present ones have been given a thorough trial.

ARTICLE 22. To see if the Town will appropriate the sum of one hundred dollars (\$100) for the salary for a local game warden as advised by the State Department of Conservation, or pass any vote or votes relative thereto.

Recommended: That the sum of \$100 be appropriated for a local game warden.

ARTICLE 23. To see if the Town will appropriate the sum of fifteen thousand dollars (\$15,000) for the construction of Greendale Avenue, provided the County and the department of public works, division of highways, each allot the sum of seventy-five hundred dollars (\$7,500) for said construction, or take any action relative thereto.

Recommended: That the sum of \$15,000 be appropriated under these conditions.

ARTICLE 24. To see if the Town will accept Harris Avenue from Mayo Avenue to Great Plain Avenue under the provisions of law authorizing the assessment of betterments and according to a plan on file with the Town Clerk.

ARTICLE 25. To see if the Town will appropriate the sum of thirty thousand dollars (\$30,000) for the construction of Harris Avenue under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

ARTICLE 26. To see if the Town will appropriate the sum of six thousand dollars (\$6,000) for the construction of a drain on Harris Avenue, or pass any vote or votes relative thereto.

Recommended: That these articles be dismissed. Owing to the large Town acreage (water department land) the share of the Town would be at least two-thirds of the expense.

ARTICLE 27. To see if the Town will accept Lawton Road from South Street, to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Paul H. Weitze and others.

ARTICLE 28. To see if the Town will appropriate the sum of ten thousand dollars (\$10,000) for the construction of Lawton Road from South Street, to Green Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That the substance of these articles be adopted.

ARTICLE 29. To see if the Town will accept Mills Road from Highland Avenue to Sachem Road, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Primo Ricciardelli and others.

ARTICLE 30. To see if the Town will appropriate the sum of twenty-five hundred dollars (\$2,500) for the construction of Mills Road from Highland Avenue to Sachem Road, so-called under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That the substance of these articles be adopted.

ARTICLE 31. To see if the Town will accept Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Samuel Kingsbury and others.

ARTICLE 32. To see if the Town will appropriate the sum of four thousand dollars for the construction of Otis Street from Manning Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That the substance of these articles be adopted.

ARTICLE 33. To see if the Town will accept Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk on petition of Philip A. Seabury and others.

ARTICLE 34. To see if the Town will appropriate the sum of sixty-two hundred dollars for the construction of Parkinson Street from Webster Street to DeLue Street, so-called, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That the substance of these articles be adopted.

ARTICLE 35. To see if the Town will accept Powers Street from Webster Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Winthrop M. Southworth and others.

ARTICLE 36. To see if the Town will appropriate the sum of eleven thousand dollars (\$11,000) for the construction of Powers Street from Webster Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That the substance of these articles be adopted.

ARTICLE 37. To see if the Town will accept Powers Street from Manning Street to Ellicott Street, under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

ARTICLE 38. To see if the Town will appropriate the sum of eighty-five hundred dollars (\$8,500) for the construction of Powers Street from Manning Street to Ellicott Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

ARTICLE 39. To see if the Town will accept Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

ARTICLE 40. To see if the Town will appropriate the sum of four thousand dollars (\$4,000) for the construction of Powers Street from Manning Street to DeLue Street under the provisions of law authorizing the assessment of betterments as laid out by the Selectmen and according to a plan on file with the Town Clerk.

Recommended: That these articles be dismissed.

The committee feels that the best interest of the Town would be served by building the entire street from Webster to Ellicott Street as recommended in Articles 35 and 36, and not certain portions of it.

ARTICLE 41. To see if the Town will authorize and direct its Selectmen to take about 11,400 square feet of land, more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for purpose of a street or way extending Kingsbury Street westerly through land of Isabelle M. Hall to Oakland Avenue, so called, as shown on a plan marked "Plan showing proposed extension of Kingsbury and Pickering Streets" on file with the Town Clerk; and to appropriate money therefor, or pass any vote or votes relative thereto.

Recommended: That this article be dismissed.

ARTICLE 42. To see if the Town will authorize and direct its Selectmen to take about 11,074 square feet of land more or less, by eminent domain proceedings or by purchase for a municipal purpose, to wit, for the purpose of a street or way extending Pickering Street northerly to Memorial Park and appropriate money therefor, or pass any vote or votes relative thereto.

Recommended: That this article be dismissed.

ARTICLE 43. To see if the Town will accept Eaton Square as a private way as laid out by the Selectmen and according to a plan on file with the Town Clerk, on petition of Alger E. Eaton and another.

Recommended: That the substance of this article be adopted.

ARTICLE 44. To see if the Town will vote to build a municipal storage building and Town yard on land owned by the Town on Howland Street and appropriate the sum of fifteen thousand dollars (\$15,000) therefor, or pass any vote or votes relative thereto.

Recommended: That this article be dismissed.

ARTICLE 45. To see if the Town will appropriate the sum of twelve thousand dollars (\$12,000) for a police signal system, or take any action relating thereto.

Recommended: That this article be dismissed.

ARTICLE 46. To see if the Town will authorize its Selectmen to install three street lights on Garden Street extension on petition of Robert H. Burrage and others.

ARTICLE 47. To see if the Town will authorize its Selectmen to install ten street lights on Gayland Road and Laurel Drive on petition of Carleton G. McIntosh and others.

ARTICLE 48. To see if the Town will authorize its Selectmen to install three street lights on Hillcrest Road on petition of Ernest R. Keith and others.

ARTICLE 49. To see if the Town will authorize its Selectmen to install a street light at the intersection of Morley Street and Page Road on petition of Harry A. Gates and others.

ARTICLE 50. To see if the Town will authorize its Selectmen to install four street lights on Wachusett Road on petition of Clifford C. Church and others.

ARTICLE 51. To see if the Town will authorize its Selectmen to install two street lights on Gibson Street on petition of Rocco Ferrara and others.

ARTICLE 52. To see if the Town will authorize its Selectmen to install four street lights on Sachem Road on petition of Primo Ricciardelli and others.

ARTICLE 53. To see if the Town will authorize its Selectmen to install two street lights on Hawthorne Avenue on petition of Jerry Bond and others.

ARTICLE 54. To see if the Town will authorize its Selectmen to install two street lights on Beaufort Avenue on petition of Jerry Bond and others.

ARTICLE 55. To see if the Town will authorize its Selectmen to install one street light on Pennsylvania Avenue on petition of James M. McCracken and others.

ARTICLE 56. To see if the Town will authorize its Selectmen to install one street light on the corner of Lewis Street and Newell Avenue on petition of Charles B. Roberts and others.

Recommended: That the Selectmen be authorized to install lights on these streets with their judgment and previous practice.

ARTICLE 57. To see if the Town will vote to amend Article II of the by-laws by adding thereto the following section.

Section 4A. The Selectmen annually in April shall appoint a Town Engineer at a fixed salary, who shall have authority to appoint such assistants as the Town Engineering work requires, subject to the approval of the Selectmen. The Town Engineer shall have charge of all Town engineering. The Town Engineer, shall except as provided in Article II Section 8, have charge of and shall preserve, arrange and index, so as to be readily accessible to the public, all plans, surveys, field notes, records, documents and inventories connected with the engineering department of the Town. He shall keep accurate records showing in detail the operation and cost of his department, and a fair and equal distribution of such cost among the several Town departments in proportion to the amount of work done for each. The Town Engineer shall each year submit to the Selectmen in time for publication in the annual Town report a statement showing in detail the work of the engineering department for the year and the names and compensation of all persons employed. The Selectmen shall have power to remove the Town Engineer at any time and appoint his successor.

Recommended: That the substance of this article be adopted.

ARTICLE 58. To see if the Town will amend its by-laws by striking out Article III and substituting in the place thereof the following:

ARTICLE III SPECIFICATIONS FOR CONSTRUCTION OF NEW STREETS THROUGH PRIVATE PROPERTY

Section 1. No street or way through private property shall be accepted by the Town unless the same be previously constructed and completed in accordance with the following specifications.

Section 2. A plan and profile of every such street or way shall be approved by the Board of Survey and filed in the office of the Town Clerk.

Section 3. Every street or way shall be constructed not less than forty feet in width and at least one-fifth of the street width shall be reserved for sidewalk and berm on each side.

Section 4. All corners of intersecting streets or ways shall be rounded as approved by the Board of Selectmen.

Section 5. The entire area of every such street or way shall be first cleared of all stumps, brush, roots, and like material and of all trees not intended for preservation.

Section 6. All loam shall be removed from the limits of the street, inclusive of the sidewalks, to such a depth as may be approved by the Selectmen, and may be desposited in piles or spread on either side of the street, but in no case within the limits of the street except where same can be used for grass plots or reservations.

SUB-GRADE

Section 7. (a) The plane of the bottom of the excavation and the top of the fill when completed, known as the sub-grade, shall be true to the lines, grades, and cross-sections as approved by the Board of Selectmen.

(b) All rock or boulder found in the excavation shall be removed or broken off to a depth of not less than six inches below the surface of the sub-grade.

(c) All clay and spongy material in the road bed shall be removed to a depth of at least two feet below the sub-grade and the space thus made shall be filled with stone or other suitable material approved by the Selectmen.

(d) The sub-grade shall be brought accurately to a grade of not less than ten inches below the approved finished grade and shall correspond to a curved line sloping from the center of the sides at the rate of three-eighths of an inch to one foot after being rolled by a steam or other self-propelled roller, weighing not less than ten tons, until the surface of the sub-grade is smooth and hard.

SUB-BASE

Section 8. (a) Upon the surface of the sub-grade, prepared as previously specified shall be spread a layer of gravel, known as the sub-base, to a depth of at least six inches after rolling.

(b) Gravel surface shall consist of approved gravel practically free from loam and clay and shall not contain stones measuring over three inches in their longest dimensions. Care shall be taken when spreading the gravel to distribute the largest stones so that they will be at the bottom of the course. The gravel so placed shall be thoroughly rolled by a roller, weighing not less than ten tons, until a firm, even surface is obtained.

(c) All sidewalks, driveways, and grading of lawns shall be brought to a finished grade at the street line of four inches above that of the proposed center line grade opposite that point as shown on approval plan.

(d) Both the roadway and sidewalk shall be rolled to the satisfaction of the Selectmen and the side sloped, either in excavation or embankment, shall be covered with good loam to a depth of six inches, carefully rolled and so applied as to insure against slipping.

BITUMINOUS MACADAM SURFACE

Section 9. (a) Upon the gravel sub-base, prepared as previously specified, shall be spread evenly a layer of dry, clean, No. 1 crushed stone, suitable to the Selectmen, in such quantity that after being rolled there will be a uniform depth of not less than four inches. Any depressions or irregularities which may occur shall be filled with crushed stone and again rolled until the surface is true and unyielding.

(b) The penetration coat of a bituminous material approved by the Selectmen shall then be uniformly applied by a suitable pressure distributor at such rate per square yard of road surface as specified by the Selectmen.

- (c) The bituminous material shall then be covered with dry, clean, No. 2 stone, sufficient to fill the surface voids. Care shall be taken that the rolling starts while the surface is still warm: No. 2 stone shall be added in small amounts as the rolling continues.
- (d) Brooms shall be used in distributing the No. 2 stone and only a quantity sufficient for filling the voids shall be spread; any excess shall be avoided. The rolling shall continue until a firm and smooth surface results. The surface shall then be thoroughly swept to remove all loose material and dust.
- (e) The seal coat of a bituminous material approved by the Selectmen shall then be evenly applied in the same manner as the penetration coat, and at such rate per square yard as may be specified by the Selectmen. The surface shall be immediately covered with dry, clean, pea stone in a sufficient amount to protect the road while setting up and then thoroughly rolled to the satisfaction of the Selectmen.

Section 10. No bituminous work shall be done during rainy weather, nor when weather conditions, as to temperature or otherwise, are in the opinion of the Selectmen, unsatisfactory to obtaining good results.

Recommended: That the substance of this article be adopted.

ARTICLE 59. To see if the Town will vote to accept and adopt revised building by-laws for the Town in accordance with the report, on file with the Town Clerk, of the Committee appointed under a vote of the Town passed at its Annual Meeting, held March 19, 1928, or pass any vote or votes relative thereto.

The Finance Committee has no recommendation to make at this time.

ARTICLE 60. To see if the Town will vote to accept the provisions of Sections 42, 43 and 44 of Chapter 48 of the General Laws relative to Fire Departments on petition of Frank W. Gorse and others.

Recommended: That this article be dismissed.

The committee believes that the best interest of the Town is served by the present form of Fire Engineers and recommends that the Selectmen increase the board to at least five members.

ARTICLE 61. To see if the Town will appropriate five hundred dollars (\$500) for the purpose of paying one-half the cost of clearing away and constructing a fence along the southerly line of Memorial Park abutting land of Rohn, land of Bruns, and land of Stevenson. Said fence to be chain link type seventy-two inches high with three strands of barbed wire at top, supported by iron posts set in cement foundations, or pass any vote or votes relative thereto, on petition of Arthur W. Rohn and others.

Recommended: That the substance of this article be adopted, provided the type of fence erected be subject to approval of Park Commissioners.

ARTICLE 62. To see if the Town will appropriate the sum of one thousand dollars (\$1,000) for the celebration of the Fourth of July, 1929, or pass any vote or votes relative thereto on petition of Needham Post 14, American Legion, and others.

Recommended: That the substance of this article be adopted.

ARTICLE 63. To see if the Town will authorize the Selectmen to appoint a committee of three registered voters to have charge of the Town Nursery, this committee to consist of the Tree Warden and two other members, one to serve for one year and one to serve for two years from April 1, 1929, and thereafter, commencing April 1, 1930, and so long as the Town Nursery shall be maintained, the Selectmen annually to appoint one member to serve for two years from April 1st of the year of appointment. Vacancies in said committee to be filled by the Selectmen's appointment.

Recommended: That the substance of this article be adopted.

ARTICLE 64. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area at the intersection of Central Avenue and Rosegate Road bounded on the north by land of the City of Boston 150 feet and land of Webb 220 feet, on the east by a brook 240 feet, on the south by Central Avenue 326.6 feet and on the west by Rosegate Road, so-called, 100 feet. Be all of said measurements more or less on petition of Ruth A. Webb and others.

Recommended: That the substance of this article be adopted.

ARTICLE 65. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area bounded on the east by Highland Avenue, on the south by Arbor Street, on the west by the location of the New York, New Haven & Hartford Railroad Company and on the north by Cross Street, so-called, on petition of C. H. Walton and others.

ARTICLE 66. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area on the west side of Highland Avenue bounded southerly by land of Samuel S. and Bertha A. Smith and land of William H. Wye, westerly by the location of the New York, New Haven and Hartford Railroad Company, northerly by land of the William Carter Company and easterly by Highland Avenue on petition of Benjamin D. May.

ARTICLE 67. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district, the area at the intersection of Webster Street and Central Avenue bounded on the north by Central Avenue 129 feet, on the east by Webster Street 75 feet, on the south by land of the Town of Needham and on the west by land now or formerly of John M. Hodge, be all of said measurements more or less on petition of William Regan and others.

ARTICLE 68. To see if the Town will vote to amend its zoning map by changing from a single residence district to a business district the area bounded easterly by Highland Avenue southerly by May Street so-called, westerly by the location of the New York, New Haven & Hartford Railroad Company, and northerly by land of the Willett and Chadwick Coal Company on petition of Florence C. Ross and others.

Recommended: That these articles be dismissed.

ARTICLE 69. To see if the Town will authorize and direct Memorial Park Trustees to take such action as may be necessary to make it lawful to charge admission to games, sports, or athletic contests held on Memorial Park or any portion thereof or pass any vote or votes relative thereto, on petition of Stanley M. Hollis.

Recommended: That they authorize the Memorial Park Trustees to take such action as may be necessary to make it lawful to charge admission to games.

ARTICLE 70. To see if the Town will vote to have the reports of its officers, the proceedings of this and subsequent Town Meetings printed and distributed, or pass any vote or votes relative thereto.

Recommended: That these reports except the valuation list be printed and distributed in the same manner as in the past.

Respectfully submitted,

CARLTON A. PERRY, *Chairman*,
FRED L. DONAHUE, *Secretary*,
ALGER E. EATON,
FRED L. GREELEY,
ALFRED P. HARTSHORN,
EDWARD L. MORSS,
EBEN W. SMITH,
BRAD STEPHENS,
SAMUEL H. WRAGG.

TOWN OF NEEDHAM
ANNUAL REPORT
OF THE
TREASURER, COLLECTOR
AND
TOWN ACCOUNTANT
FOR THE YEAR 1929



NEWTON
GARDEN CITY PRESS, INC.
1930

TREASURER'S REPORT

CHARLES E. STANWOOD, *Treasurer*,

In account with TOWN OF NEEDHAM

January 1, 1929, to December 31, 1929.

SUMMARY

Receipts:

Cash on hand January 1, 1929	\$243,368 51
Refund on account Fire Department	104 00
Refund on account Highway Department ..	170 12
Refund on account School Department ...	1,725 89
Refund on account Public Welfare Department	3,591 63
Refund on account Assessor's Department	50
Refund on account Fire Alarm Department	4 00
Refund on account Forest Warden	9 00
Refund on account Health Department ...	326 43
Refund on account Library Department ..	595 14
Refund on account Insurance	115 00
Refund on account Deficiencies	5 89
Refund on account Unclassified	24 29
Taxes for 1927	1,403 39
Interest on taxes for 1927	207 58
Taxes for 1928	175,044 03
Interest on taxes for 1928	7,302 73
Taxes for 1929	434,626 27
Interest on taxes for 1929	552 93
Sidewalk tax 1927	48 99
Sidewalk tax 1928	688 42
Interest on Sidewalk tax for 1928	95 14
Sidewalk tax 1929	669 10
Interest on Sidewalk tax for 1929	145 37
Street tax for 1928	1,564 41
Interest on Street tax for 1928	519 74
Street tax for 1929	4,138 13
Interest on Street tax for 1929	1,337 06
Betterment tax for 1929	2,793 16
Special Betterment Warrants 1929	1,501 39
Interest on Betterment Warrants for 1929	21 46
Sewer tax for 1928	1,828 53
Interest on Sewer tax for 1928	634 24
Sewer tax 1927	1,091 53
Sewer tax 1929	2,785 33
Interest on Sewer tax for 1929	1,136 25
Sewer Assessment 1928	7,782 40

Interest on Sewer Assessment 1928	\$69 65
Sewer Assessment 1929	5,236 24
Interest on Sewer Assessment 1929	2 48
Special Sewer Warrants 1929	1,416 98
Interest on Special Sewer Warrants 1929 ..	47 94
Tax Certificates	54 00
1929 tax on land taken for water purposes.	774 44
Income tax 1928	3,588 91
Income tax 1929	74,284 00
Corporation tax — Public Service 1928 ...	261 24
Corporation tax — Public Service 1929 ...	4,979 03
Corporation tax — Business 1928	1,113 35
Corporation tax — Business 1929	18,570 04
Trust Company tax — 1927	5 19
Trust Company tax — 1928	96
Trust Company tax — 1929	839 84
National Bank tax — 1927	06
National Bank tax — 1928	72
National Bank tax — 1929	997 00
Veterans' Exemption	270 95
State and Military Aid	234 00
Burial Indigent Soldiers and Sailors	99 00
Award account Central Avenue	5,679 39
Award account Greendale Avenue Con- struction	3,465 06
Cancellation check awarded account Chest- nut Street and Great Plain Avenue award	1 00
Soldiers' Relief	50 00
Dog License fees	1,489 75
Inspection fees	3,218 65
License fees	548 00
Public Library fines	372 68
Jail and House of Correction fines	2,438 50
Greenwood Fund Income	559 77
Barr Fund Income	20 00
Dwight School Fund Income	210 00
Smith-Hughes Fund	35 53
Temporary Loans 1929 taxes	625,000 00
Sale Town reports, poll lists, and maps ...	31 75
Loans returned from Water Department ..	10,000 00
Interest on above	212 67
Sale lot 26 Central Street	106 11
Sale of land (approx. 2 acres) Land Court Title	350 00
Sale lots 71 to 73 inc. Nehoiden Park	100 00
Release tax titles	4,949 23
Rental Town Hall	999 00
Interest on bank balances	4,393 34

Interest on Sewer Betterments Savings account	\$274 55
Refund from Boston Safe Deposit and Trust Company account uncollected coupons July 1, 1907	50 00
Appropriation under Article No. 16 Annual Town Meeting March 25, 1929, for Sewer Betterments account	1,100 33
Unexpended balance Dec. 31, 1928, Sewer Department	10,534 92
Transfer from Sewer Betterments account under Article No. 13 Annual Town Meeting March 25, 1929	15,375 00
	<hr/>
	<u>\$1,702,369 23</u>

Disbursements:

State tax	\$23,035 00
County tax 1928	22,751 36
Matured New Primary School Bonds	2,000 00
Matured School Land Loan	500 00
Matured Street Widening and Construction Loan	1,400 00
Matured Public Library Bonds	500 00
Matured County Hospital Loan	1,000 00
Matured William Carter School Bonds	8,000 00
Matured Water Bonds	10,000 00
Matured High School Land Bonds	4,000 00
Matured Needham School Loan Acts 1923 ..	14,000 00
Matured Sewerage Loan Acts of 1924	5,000 00
Interest on New Primary School Bonds ..	440 00
Interest on School Land Loan	70 00
Interest on Street Widening and Construction Loan	31 50
Interest on Public Library Bonds	120 00
Interest on County Hospital Loan	180 00
Interest on William Carter School Bonds ..	5,000 00
Interest on High School Land Loan	340 00
Interest on Sewerage Loan Acts of 1924 ..	5,300 00
Interest on 5% Sewer Loan Notes	625 00
Interest on Needham School Loan Acts of 1923	8,627 50
Interest on Refunding Loan	3,495 00
Discount on tax notes	22,899 30
Certification tax notes	64 00
Temporary Loans — 1928	325,000 00
Temporary Loans — 1929	350,000 00
Barr Fund Income 1928	20 00
Greenwood Fund Income 1928	554 28

Appropriation for Sewer Department under Article No. 6 Annual Town Meeting March 25, 1929	\$5,900 00
Appropriation for Sewer Department under Article No. 9 Special Town Meeting June 18, 1929	9,000 00
Appropriation for Glover Memorial Hospital under Article No. 19 Annual Town Meeting March 25, 1929	18,000 00
Appropriation for Sewer Department under Article No. 14 Annual Town Meeting March 25, 1929	6,000 00
Transfer from Sewer Assessment Reserve Fund under Article No. 13 Annual Town Meeting March 25, 1929	15,375 00
Appropriation under Article No. 16 Annual Town Meeting March 25, 1929	1,100 33
Loans to Water Department	10,000 00
Appropriation for Sewer Department under Article No. 17 Annual Town Meeting March 25, 1929	10,000 00
Tax titles	746 63
Charles River Basin Expense	2,014 71
Metropolitan Parks Expense	11,647 43
Metropolitan Planning Division	140 70
Metropolitan Sewerage Expense	12,479 84
Auditing Municipal Accounts	50 33
Repairs State Highway	1,889 83
Southern Traffic Artery	127 14
Abatement of Smoke Nuisance	60 52
Investigate Sewerage Boston Harbor	107 33
Northern Traffic Route	1,334 75
Brookline Street, Essex Street, Cottage Farm Bridge	7,055 45
Special Assessment Chapter 59 Sewer South System	11,103 38
National Bank tax 1928	2 25
Trust Company tax 1928	10 95
Auditor's Orders—New Senior High School	15,921 44
Other Auditor's Orders	600,714 99
Balance — December 31, 1929	146,633 29
	<hr/>
	\$1,702,369 23
	<hr/>

BOND ACCOUNT**January 1, 1930**

	Outstanding	1930 Payments
New Primary School Bldg. Loan		
4% Palmer School	\$10,000 00	
Interest due July 1, 1930		\$200 00
Maturing Bonds July 1, 1930 ..		2,000 00
Interest due January 1, 1931 ..		160 00
School Land Loan 4% Green's		
Field	1,500 00	
Interest due July 1, 1930		30 00
Maturing Bond July 1, 1930 ..		500 00
Interest due January 1, 1931 ..		20 00
Public Library Loan, 4%	2,500 00	
Interest due March 1, 1930 ..		50 00
Interest due September 1, 1930 ..		50 00
Maturing Bond September 1,		
1930		500 00
Hospital Loan, 4½% Norfolk		
County (Outside Debt Limit) ..	3,000 00	
Interest due March 1, 1930 ..		67 50
Interest due September 1, 1930 ..		67 50
Maturing note September 1,		
1930		1,000 00
Refunding Loan, 3½%	21,000 00	
Refunding Loan, 4%	69,000 00	
Interest due March 1, 1930 ..		1,747 50
Interest due September 1, 1930 ..		1,747 50
Bonds maturing September 1,		
1930		5,500 00
Water Loan 4% (Outside Debt		
Limit)	71,000 00	
Interest due March 1, 1930 ..		1,420 00
Interest due September 1, 1930 ..		1,420 00
Maturing Bonds September 1,		
1930		11,000 00
William Carter School Loan, 5%		
Bonds (Inside Debt Limit) ..	24,000 00	
5% Bonds Special Act 1921		
(Outside Debt Limit)	72,000 00	
Interest due April 1, 1930		2,400 00
Maturing Bonds April 1, 1930 ..		8,000 00
Interest due October 1, 1930 ..		2,200 00
High School Land Loan, 4¼% ..	4,000 00	
Interest due June 15, 1930		85 00
Interest due December 15, 1930 ..		85 00
Maturing Bonds December 15,		
1930		4,000 00

	Outstanding	1930 Payments
Needham School Loan, $4\frac{1}{4}\%$ (New High) Acts of 1923 Chap. 173 (Outside Debt Limit)	\$196,000 00	
Interest due April 1, 1930 ...		\$4,165 00
Maturing Bonds April 1, 1930		14,000 00
Interest due October 1, 1930..		3,867 50
Sewerage Loan 4% , Acts of 1924 (Outside Debt Limit)	130,000 00	
Interest due June 15, 1930 ...		2,600 00
Maturing Bonds June 15, 1930		5,000 00
Interest due December 15, 1930		2,500 00
Water Loan Notes, $4\frac{1}{4}\%$ (Out- side Debt Limit)	6,000 00	
Interest due June 1, 1930 ...		127 50
Maturing Notes June 1, 1930		3,000 00
Interest due December 1, 1930		63 75
Water Loan Notes, 5% (Outside Debt Limit)	20,000 00	
Interest due July 1, 1930		500 00
Maturing Notes July 1, 1930 .		4,000 00
Interest due January 1, 1931 .		400 00
Sewerage Loan, 5%	25,000 00	
Interest due July 1, 1930		625 00
Maturing Notes July 1, 1930 .		5,000 00
Interest due January 1, 1931 .		500 00

SUMMARY

Bonds outstanding:		
Outside Debt Limit	\$498,000 00	
Inside Debt Limit	157,000 00	
		\$655,000 00
Bonds maturing in 1930—pay- ments from Taxation.....		56,500 00
Interest payments in 1930 from taxation	\$23,167 50	
Notes maturing in 1930—pay- ment from Water Department		7,000 00
Interest payments in 1930 from Water Department		3,931 25

DWIGHT SCHOOL FUND

1929

Jan.	1	Original Fund:	
		Six \$1,000 $3\frac{1}{2}\%$ Refunding Bonds . . .	\$6,000 00
		Income received in 1929, \$210.00, was deposited in General Fund for benefit of School Department.	
		The original fund December 31, 1929, is represented by six \$1,000 $3\frac{1}{2}\%$ Refunding Bonds.	

MARY VIRGINIA HILL FUND

1929

Jan.	1	Original Fund	\$500 00
		Income 1916 to 1928 inc.	\$332 03
		Income 1929.....	33 50
			<hr/> 365 53
Dec.	31	Balance in Savings Depart- ment Needham Trust Com- pany	\$865 53

GREENWOOD FUND

1929

Jan.	1	Original Fund	\$12,482 11
		Income 1917 to 1928 inclusive has been deposited in the General Fund for benefit of the Public Library. \$559.77 will be deposited for the benefit of the Library in 1930.	
		Original fund is invested as follows:	
		Boston Five Cents Savings Bank	\$1,837 82
		Suffolk Savings Bank	1,833 32
		Natick Five Cents Savings Bank	1,355 03
		Newton Savings Bank	1,040 40
		Home Savings Bank	1,191 76
		West Newton Savings Bank.....	1,086 86
		Dedham Savings Bank	1,085 81
		National Shawmut Bank — Savings Dept.	1,551 11
		Beacon Trust Company — Savings Dept.	1,500 00

MARTHA ANN BARR FUND

1929

Jan.	1	Original Fund (Needham Trust Co. — Savings Department)	\$500 00
		Income 1920 to 1928 inc.	\$173 33
		Income 1929.....	20 00

Income 1920 to 1928 inclusive has been deposited in the General Fund for the benefit of the Public Library. \$20.00 will be deposited for the benefit of the Library in 1930.

GEORGE E. WYE FUND

1929

Dec. 20 Original Bequest (Needham Trust Co.
— Savings Department) \$9,023 43

Extract from will of George E. Wye establishing above fund:

"One-third to the Town of Needham (which I adopted as my home upon my arrival in this country) to be set aside as a fund to be known as the "George E. Wye Fund," the principal of which fund shall be held in tact and invested and re-invested, and the income to be used in such a manner as the Commissioners of Public Welfare of the Town of Needham, and their successors shall deem to be of the best advantage to the unfortunate ones who come under their care."

WATER DEPARTMENT**Summary***Receipts:*

Cash on hand January 1, 1929	\$5,679 39
Water tax	50,440 21
Repairs	581 40
Department	4,001 01
Demands	78 20
Miscellaneous	119 35
Interest on balances	221 20
5% Water Loan notes dated July 1, 1929, due \$4,000 annually July 1, 1930, to 1934, inc. . .	20,000 00
Accrued interest received on above notes	163 89
Premium received on above notes	28 00
Loans from General Fund	10,000 00
	<u>\$91,312 65</u>

Disbursements:

Interest on Bonds	\$3,240 00
Interest on Water Loan Notes	903 75
Matured Water Loan Notes	7,000 00
Certification Water Notes	20 00
Auditor's Orders	52,613 38
Cost of printing water notes	14 96
Loans returned to General Fund	10,000 00
Interest paid on above Loans	212 67
Cash Balance — December 31, 1929	17,307 89
	<u>\$91,312 65</u>

SEWER DEPARTMENT

Summary

Receipts:

1929

Jan. 1	Cash on hand	\$10,905 06
	Appropriations made in accordance with votes at March 25, 1929 Annual Meeting	
	Article 6	5,900 00
	Article 14	6,000 00
	Article 17	10,000 00
	Appropriation made in accordance with vote under Article 9 Special Town Meeting June 18, 1929	9,000 00
	5% Sewer Loan notes dated July 1 1929, due \$5,000 annually July 1, 1930, to 1934 inclusive	25,000 00
	Accrued Interest on above	204 86
	Premium on above	35 00
	Total received for House connections	7,989 29
	Miscellaneous	70 77
	Interest on balances	334 81
		<hr/>
		\$75,439 79
		<hr/>

Disbursements:

	Return to General Fund unexpended balance December 31, 1928	\$10,534 92
	Certification of 5% Sewer notes	25 00
	Cost of printing Sewer Notes	18 70
	Total Auditor's Orders	55,504 73
Dec. 31	Balance on hand	9,356 44
		<hr/>
		\$75,439 79
		<hr/>

NOTE:—Under Article No. 15, March 25, 1929, Annual Town Meeting \$5,000 was appropriated from the free cash in the treasury for the purpose of extensions of the common sewers in addition to the \$25,000 appropriated by the issue of Sewer Notes.

GLOVER MEMORIAL HOSPITAL

Summary

Receipts:

1929

Mar. 23	Cash turned over to Town of Needham by Treasurer of Glover Home and Hospital	\$651 74
	Cash in custody of Superintendent of Hospital at time of transfer to Town of Needham	18 54
	Appropriation under Article No. 19 Annual Town Meeting, March 25, 1929	18,000 00
	Appropriation under Article No. 20 Annual Town Meeting March 25, 1929	3,000 00
	Adjustment of Fire Loss	130 00
	Interest on Mortgage note	144 00
	Total received Hospital fees	12,687 07
	Interest received	191 39
		<u>\$34,822 74</u>

Disbursements:

Dec. 31	Total Auditor's Orders	\$20,853 20
	Balance on hand	13,969 54
		<u>\$34,822 74</u>

GLOVER MEMORIAL HOSPITAL

The following is a memorandum of Trust Funds turned over to the Treasurer of the Town of Needham by the Treasurer of the Glover Home and Hospital.

On deposit with Needham National Bank—Savings Department

	Amt. on deposit at time of transfer to Town of Needham	1929 Interest	Balance Dec. 31, 1929
Free Bed Fund — William Carter Company	\$7,241 59	\$292 05	\$7,533 64
Horace A. Carter Fund ...	1,000 00	23 39	1,023 39
Thomas Sutton Fund	1,000 00	36 98	1,036 98
Building Fund	6,435 96	281 00	6,716 96

On deposit with Needham Trust Company—Savings Department

Building Fund	\$9,241 81	\$372 50	\$9,614 31
Lyon Fund	5,000 00	202 00	5,202 00

Seth Fowle Fund

U. S. Treasury Certificates	\$1,500 00
U. S. Liberty Bonds 4th 4 $\frac{1}{4}$ %	500 00

\$2,000 00

Adeline E. Harris Fund

U. S. Liberty Bonds 4th 4 $\frac{1}{4}$ %	100 00
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Elizabeth Fisher Fund

U. S. Liberty Bonds 1st 3 $\frac{1}{2}$ %	100 00
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William Wentworth Fund

U. S. Liberty Bonds 4th 4 $\frac{1}{4}$ %	50 00
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As at December 31, 1929, the above-listed U. S. Treasury Certificates and Liberty Bonds have 1929 and subsequent coupons attached.

SHOWING DEBT LIMIT

January 1, 1930

Assessors' valuation for 1927 less abatement of assessments to December 31, 1929	\$18,594,608 00
--	-----------------

Assessors' valuation for 1928 less abatement of assessments to December 31, 1929	19,684,713 00
--	---------------

Assessors' valuation for 1929 less abatement of assessments to December 31, 1929† ...	21,979,597 00
--	---------------

Gross net valuation three years	\$60,258,918 00
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Average valuation	\$20,086,306 00
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Three per cent equals	602,589 00
-----------------------------	------------

Total debt of all kinds incurred and outstanding	\$655,000 00
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Debts authorized but not yet issued	None
--	------

\$655,000 00

Less Debts outside Debt Limit

itemized as follows:

Water Debt Acts 1888, Chapter 107 and subse- quent Acts relating thereto	\$71,000
---	----------

Water Debt — Special Votes	26,000
-------------------------------------	--------

County Hospital Acts 1916 Chapter 286	3,000
---	-------

School Bldg. Acts 1921 Chapter 26	72,000
--	--------

School Bldg. Acts 1923 Chapter 173	196,000
---	---------

Sewerage Loan Acts 1924	130,000
	<hr/> \$498,000

†Includes Motor Vehicle Excise tax commitment of \$39,884.35 at rate of \$29.65 per M or valuation of \$1,226.465.

Total Debt outstanding plus debts authorized but not yet incurred within debt limit	\$157,000	
Less Sinking Funds applicable debt within limit	None	
Leaves Net Debt plus authorized debts to be reckoned in determin- ing Debt Limit		\$157,000 00
Borrowing capacity as of December 31, 1929*		\$445,589 00

*The above statement has been prepared without giving effect to vote passed⁷ under Article 2 of Special Town Meeting held June 18, 1929, inasmuch as this vote was amended by vote passed under Article No. 1 Special Town Meeting held January 6, 1930.

Respectfully submitted,

FRANCIS J. STANWOOD,
Treasurer, Pro Tem.

COLLECTOR'S REPORT**January 1, 1929, to January 1, 1930****1927 Taxes**

Dr.

To balance uncollected January 1, 1929	\$2,570 27	
To interest	207 58	
	<hr/>	\$2,777 85

Cr.

By cash paid Town Treasurer ..	\$2,543 91	
By interest paid Town Treasurer ..	207 58	
By abatement	26 36	
	<hr/>	\$2,777 85

1928 Taxes

Dr.

To balance uncollected January 1, 1929	\$186,326 30	
To interest	7,302 73	
	<hr/>	\$193,629 03

Cr.

By cash paid Town Treasurer ..	\$180,374 51	
By interest paid Town Treasurer ..	7,302 73	
By abatement	2,669 42	
By balance uncollected January 1, 1930	3,282 37	
	<hr/>	\$193,629 03

1928 Betterment Assessments

Dr.

To balance uncollected January 1, 1929	\$3,065 10	
To interest	18 21	
	<hr/>	\$3,083 31

Cr.

By cash paid Town Treasurer ..	\$991 02	
By interest	18 21	
By abatement for reassessment ..	2,074 08	
	<hr/>	\$3,083 31

1928 Sewer Assessments

Dr.	
To balance uncollected January 1, 1929	\$18,609 49
To interest	69 69
	<hr/>
	\$18,679 18
Cr.	
By cash paid Town Treasurer ..	\$7,782 40
By interest paid Town Treasurer ..	69 69
By abatement for reassessment ..	9,726 76
By Journal abatement, under Article 16, 1929, Town Meeting	1,100 33
	<hr/>
	\$18,679 18

1928 Special Sewer Warrant

Dr.	
To warrant committed	\$90 23
To interest committed	3 16
	<hr/>
	\$93 39
Cr.	
By balance uncollected January 1, 1930	\$93 39

1929 Taxes

Dr.	
To Warrants committed	\$688,562 15
To interest to January 1, 1930 ..	552 93
	<hr/>
	\$689,115 08
Cr.	
By cash paid Town Treasurer ..	\$444,837 51
By interest paid Town Treasurer ..	552 93
By abatement	6,604 94
By balance uncollected January 1, 1930	237,119 70
	<hr/>
	\$689,115 08

1929 Betterment Assessments

Dr.	
To warrants committed	\$22,732 80
Cr.	
By cash paid Town Treasurer ..	\$2,793 16
By abatement for reassessment ..	9,651 13
By balance uncollected January 1, 1930	10,288 51
	<hr/>
	\$22,732 80

1929 Sewer Assessments

Dr.		
To warrants committed	\$35,330 90	
To interest	2 48	
	<hr/>	\$35,333 38
Cr.		
By cash paid Town Treasurer ..	\$5,236 24	
By interest paid Town Treasurer	2 48	
By abatement for reassessment .	9,262 43	
By balance uncollected January		
1, 1930	20,832 23	
	<hr/>	\$35,333 38

1929 Special Betterment Warrants

Dr.		
To warrants committed	\$1,501 39	
To interest committed	21 46	
	<hr/>	\$1,522 85
Cr.		
By cash paid Town Treasurer ..	\$1,501 39	
By interest paid Town Treasurer	21 46	
	<hr/>	\$1,522 85

1929 Special Sewer Warrants

Dr.		
To warrants committed	\$1,416 98	
To interest committed	47 94	
	<hr/>	\$1,464 92
Cr.		
By cash paid Town Treasurer ..	\$1,416 98	
By interest paid Town Treasurer	47 94	
	<hr/>	\$1,464 92

All Other Receipts

Dr.		
To interest from bank balances .	\$444 23	
To receipts from Tax Certificates	54 00	
	<hr/>	\$498 23
Cr.		
By cash paid Town Treasurer ..		\$498 23

Respectfully submitted,

HENRY GODFREY,
Tax Collector.

REPORT OF THE TOWN ACCOUNTANT

Receipts and Expenditures for the Year Ending December 31, 1929

RECEIPTS

General Revenue:

Taxes for 1927 and 1928:

Poll	\$210 00
Personal	11,469 33
Real	164,405 74

\$176,085 07

Taxes for 1929:

Poll	\$5,890 00
Personal	38,051 68
Real	358,598 28

402,539 96

From State:

Income	\$77,872 91
Corporation	24,925 40
Bank	1,842 03
Highway	59 37
Veterans Exemptions	270 95

104,970 66

Special Assessments:

Moth	\$1,471 65
Sidewalk	1,444 99
Street Betterments	9,958 61
Sewer	20,141 01
Motor Vehicle	30,977 01

63,993 27

Tax on Land for Water Purposes

\$774 44

774 44

Court and Jail Fines

\$2,438 50

2,438 50

Licenses:

Junk	\$4 00
Sunday sales	105 00
Victuallers	27 50
Hawkers and Peddlers	18 00
Pool and Billiard	104 00
Garage	30 00
Gasoline	38 00
Auto Agents	70 00
Milk	85 00
All Others	66 50

548 00

DEPARTMENTAL RECEIPTS

Treasurer:

Release Tax Titles	\$4,815 32
--------------------------	------------

Tax Collector:

Certifications	54 00
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Assessors:

Sale of Poll Tax Books	10 00
Use of Telephone	50

Carried forward

\$4,879 82

\$751,349 90

<i>Brought forward</i>	\$4,879 82	\$751,349 90
Town Planning Board:		
Sale of Town Maps	14 75	
Town Hall and Grounds:		
Rent of Hall	999 00	
Fire Department:		
Causing Fires	84 00	
Fire Alarm Department		
Old Junk	4 00	
Town Clerk:		
Sale of Town Reports	7 00	
Highway:		
Use of Equipment	82 00	
Sale of Stone	7 00	
Sewer Department:		
Advance Payments	7,989 29	
Use of Equipment	70 77	
Board of Health:		
Reimbursements from State	326 43	
Vocational Tuition:		
Reimbursements from State	897 77	
School Department:		
Tuition from State	307 97	
Rentals	16 00	
Other Tuition	415 68	
Sale of Typewriters	80 00	
Department of Public Welfare:		
Reimbursement from		
Individuals	192 00	
State	2,756 13	
Cities and Towns	606 50	
Inspection:		
Building Fees	884 50	
Plumbing fees	517 00	
Cesspool fees	262 00	
Wiring fees	1,444 65	
Sealing fees	110 50	
State Aid	168 00	
Military Aid	60 00	
Soldiers' Relief	50 00	
Soldiers' Burials	99 00	
Public Library:		
Fines	372 68	
Old paper stock	20 86	
Forest Warden:		
Receipts from State	9 00	
Glover Memorial Hospital:		
Receipts for Services	\$12,717 57	
Cash on hand	670 28	
		37,122 15
<i>Carried forward</i>		\$788,472 05

Brought forward \$788,472 05

GRANTS AND GIFTS

Norfolk County:

Dog Tax \$1,489 75
 Award Greendale Avenue 1,732 53
 Award Central Avenue 3,057 88

Commonwealth of Massachusetts:

Award Greendale Avenue 1,732 53
 Award Central Avenue 2,621 51
 Smith Hughes Fund 35 53

10,669 73

MUNICIPAL INDEBTEDNESS

Temporary Tax Loans \$625,000 00
 Sewer Loans 25,000 00

650,000 00

INTEREST

On Deposits \$4,281 66
 On Deferred Taxes 8,063 24
 On Greenwood and Barr Funds 579 77
 On Dwight School Fund 210 00
 On Sewer Construction Balances 249 72
 On Sewer Trust Funds 2,250 20
 On Tax Titles 709 02
 On Street Assessments 1,878 26
 On Sidewalk Assessments 240 51
 On Hospital Balances 308 50
 On Loan to Water Department 212 67
 On Loan to Sewer Department 239 86

19,223 41

REFUNDS AND TRANSFERS

Water Department Insurance \$115 00
 Recording Fees Returned 5 29
 Check Cancelled 1 00
 Uncollected Coupons 50 00
 Fire Loss at Hospital 130 00

301 29

Cash on Hand, January 1, 1929 \$232,384 00
 Sewerage Construction Fund 370 14
 Sewerage Assessment Fund 21,519 43

254,273 57

\$1,722,940 05

PAYMENTS

General Government:

Selectmen's Department:

Salaries of Board \$450 00
 Salaries of clerks 1,355 83
 Stationery and office supplies 201 28
 Printing and advertising 9 83
 Expenses of Town Meeting 208 35
 Telephone 66 02
 Subscription to Needham Chronicle 2 00

\$2,293 31

Appropriation \$2,300 00

Carried forward \$2,293 31

REPORT OF TOWN ACCOUNTANT

217

<i>Brought forward</i>		\$2,293 31
Accounting Department:		
Salary of Accountant	\$1,700 00	
Salary of clerk	1,165 00	
Stationery and office supplies	107 34	
New typewriter	96 75	
		<hr/>
Appropriation	\$3,070 00	3,069 09
Finance Committee:		
Printing reports and postage	\$280 00	
		<hr/>
Appropriation	\$300 00	280 00
Treasury Department:		
Salary of Treasurer	\$1,900 00	
Salary of clerk	100 00	
Stationery and office supplies	401 87	
Telephone	32 98	
Bonds	450 00	
Reports	10 00	
		<hr/>
Appropriation	\$2,725 00	2,894 85
Transfer from Reserve Fund	200 00	
	<hr/>	
	\$2,925 00	
Town Clerk's Department:		
Salary	\$550 00	
Recording fees	361 50	
Stationery and office supplies	143 89	
Telephone	13 96	
Bond	10 00	
Clerical assistance	13 00	
Binding statistics	7 00	
		<hr/>
Appropriation	\$1,100 00	1,099 35
Receipts:		
Sale of Town Reports ..	7 00	
Election and Registration:		
Salary of Registrars	\$300 00	
Salary of election officers	223 50	
Stationery and office supplies	83 41	
Printing and advertising	67 30	
Meals for election officers	40 00	
Binding Register	4 50	
Clerical assistance	20 00	
		<hr/>
Appropriation	\$970 00	738 71
Tax Collector's Department:		
Commissions	\$3,200 83	
Bond	450 00	
Telephone	44 35	
		<hr/>
Appropriation	\$3,700 00	3,695 18
<i>Carried forward</i>		<hr/>
		\$14,070 49

<i>Brought forward</i>		\$14,070 49
Assessors Department:		
Salaries of Board	\$3,200 00	
Salary of clerk	1,400 00	
Stationery and office supplies	640 24	
Printing and advertising	32 72	
Poll Lists	384 90	
Abstracts	225 84	
Transportation	398 00	
Block Plans	1,000 00	
Telephone	61 30	
Balance Calculator	50 00	
Billing machine	1,587 60	
New typewriter	114 25	
		<hr/>
		9,094 85
Appropriation	\$9,100 00	
Receipts:		
Sale of Tax Lists	10 00	
Use of telephone	50	
Board of Survey		
Advertising	\$46 71	
Engineering	106 48	
Stationery	18 10	
		<hr/>
		171 29
Appropriation	\$200 00	
Town Hall and Grounds:		
Salary, janitor	\$1,560 00	
Extra labor	292 25	
Labor on grounds	449 10	
Police duty	27 00	
Moving piano	40 00	
Fuel	454 09	
Water	68 64	
Removal of ashes	44 60	
Janitor's supplies	125 26	
Boiler inspection	10 00	
Painting hall	885 50	
Repairs	1,545 73	
Granolithic curb	302 74	
Compensation Insurance	14 66	
Spring water	44 65	
Winding clock	24 00	
New furnishings	65 00	
Miscellaneous	12 80	
		<hr/>
		5,966 02
Appropriation	\$6,000 00	
Receipts:		
Rent of hall	999 00	

PROTECTION OF PERSONS AND PROPERTY

Police Department:

Salaries:	
Chief	\$2,500 00
Sergeants	3,369 29
Patrolmen	14,776 27
Special officers	1,842 76
	<hr/>
	\$22,488 32

<i>Carried forward</i>	\$22,488 32	<hr/>	\$29,302 65
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<i>Brought forward</i>	\$22,488 32	\$29,302 65
Stationery and office supplies	54 86	
Equipment for men	81 52	
Other equipment	1,672 63	
Auto expenses	891 07	
Telephones	306 74	
Upkeep of traffic signals	679 86	
Spotter evidence	122 75	
Lock up charges	101 55	
Signs	196 45	
Damage to police boat	57 00	
Use of truck	8 00	
Matron	11 00	
Miscellaneous	5 00	
	<hr/>	26,676 75
Appropriation	\$26,964 00	
Receipts from fines	2,838 50	

Fire Department:

Salaries:

Chief	\$2,400 00	
Deputy Chief	300 00	
Engineers	150 00	
Regular men	15,500 93	
Call men	3,451 04	
Paid service	57 90	

	<hr/>	\$21,859 87
Equipment and repairs	2,505 07	
Fuel	550 63	
House repairs	115 70	
House furnishings	144 93	
Laundry	121 46	
Light	121 29	
Water	26 36	
Supplies	177 89	
Auto expenses	554 44	
Stationery and office supplies	72 34	
Telephones	99 47	
Storage at Charles River	30 00	
Inhalator	160 04	
Mounting Map	19 90	
Miscellaneous	5 00	
	<hr/>	26,564 39

Appropriation	\$27,150 00
Receipts, causing fires:	84 00

Fire Alarm Department:

Salaries	\$300 00	
Equipment and repairs	2,086 11	
Power for whistle	126 40	
Auto expenses	77 52	
Tools and supplies	49 14	
Compensation Insurance	21 63	
Stationery and office supplies	15 00	
Box lights	9 00	
New truck	786 50	
	<hr/>	3,471 30

Carried forward

\$86,015 09

<i>Brought forward</i>		\$86,015 09
Appropriation	\$3,505 00	
Receipts:		
Sale of junk	4 00	
Tree Warden:		
Salary, Warden	\$512 00	
Labor	734 96	
Trees	133 50	
Insecticides	19 98	
Tools and supplies	49 30	
Auto expenses	9 51	
Miscellaneous	2 00	
		<hr/>
Appropriation	\$1,500 00	1,461 25
Forest Warden:		
Salary, Warden	\$100 00	
Advertising	38 85	
		<hr/>
Appropriation	\$145 00	138 85
Receipts:		
Reimbursement from		
State	9 00	
Inspection Department:		
Building Inspector	\$1,000 00	
Wiring Inspector	1,017 00	
Plumbing Inspector	655 25	
Cesspool Inspector	242 00	
Animal Inspector	300 00	
Sealer of Weights and Meas-		
ures	200 00	
		<hr/>
Stationery and supplies	\$3,414 25	
Telephones	91 00	
Gasoline	109 58	
Team hire	82 68	
Seals	43 00	
Advertising	5 74	
	15 22	
		<hr/>
Appropriation	\$3,775 00	3,761 47
Receipts:		
Building Fees	884 50	
Wiring Fees	1,444 65	
Plumbing Fees	517 00	
Cesspool Fees	262 00	
Sealing Fees	110 50	
		<hr/>
	\$3,218 65	
Moth Department:		
Salary, Superintendent	\$1,152 00	
Labor	2,047 25	
		<hr/>
Insecticides	\$3,199 25	
Teams	542 32	
	213 50	
		<hr/>
Carried forward	\$3,955 07	\$91,376 66

<i>Brought forward</i>	\$3,955 07	\$91,376 66
Tools and supplies	27 43	
Auto expenses	365 04	
Rent	216 00	
Stationery and supplies	1 85	
Telephones	19 23	
Compensation Insurance	171 44	
Advertising	16 41	
Miscellaneous	5 50	
	<hr/>	
	\$4,777 97	
Chargeable to public work		3,253 27
Chargeable to private work		1,524 70
Appropriations:		
Public work	\$3,500 00	
Private work	2,000 00	

HEALTH AND SANITATION

Board of Health:		
Salaries, Agent	\$1,800 00	
Clerk	60 00	
	<hr/>	
	\$1,860 00	
Transportation	114 42	
Stationery and supplies	294 21	
Hospital expenses, contagious diseases ..	1,043 30	
Care of dumps	400 00	
Fence at dump	193 00	
Signs for dump	14 00	
Burial permits	37 25	
Telephone	54 05	
Laboratory expenses	400 02	
Inspections	6 25	
Vaccine	16 40	
	<hr/>	
		4,432 90
Appropriation	\$4,750 00	
Receipts:		
From State	326 43	
Removal of Garbage:		
Contract	\$2,200 00	
	<hr/>	
		2,200 00
Appropriation	\$2,200 00	

SEWER DEPARTMENT

Maintenance:		
Superintendent	\$2,160 12	
Clerk	1,078 00	
Labor	754 74	
Stationery and supplies	140 71	
Equipment and repairs	102 77	
Tools and supplies	73 00	
Auto expenses	129 89	
Telephone	93 86	
Legal expenses	47 19	
Rents	120 00	
Compensation Insurance	75 00	
Reports	18 00	
	<hr/>	
		4,793 28
Appropriation	\$5,900 00	
<i>Carried forward</i>		\$107,580 81

<i>Brought forward</i>		\$107,580 81
House Connections:		
Engineering	\$380 36	
Labor	4,746 55	
Materials	1,032 20	
Tools and supplies	459 44	
Rent	60 00	
Auto expenses	133 53	
Compensation Insurance	187 00	
Office supplies	19 56	
		<hr/>
Advance Loan	\$10,000 00	7,018 64
Advance payments	7,989 29	
	<hr/>	
	\$17,989 29	
Less refunds on account of over payments	306 01	
	<hr/>	
	\$17,683 28	
Construction:		
Superintendent	\$1,873 17	
Labor	28,007 92	
Engineering	1,922 37	
Legal expenses	485 27	
Stone and gravel	372 01	
Bricks, pipe and cement	5,336 36	
Tools and supplies	1,456 75	
Tarvia	718 94	
Auto expenses	396 34	
Compensation insurance	1,256 34	
Covers and frames	504 00	
Sewer seal	454 99	
Lumber	212 13	
Blasting	74 91	
Use of roller	50 00	
Equipment and repairs	115 85	
Prints	95 65	
Rent	48 00	
Expense of notes	43 70	
Stationery	5 80	
		<hr/>
		43,430 50
Balance January 1, 1929 .	\$370 14	
Appropriation	5,000 00	
Transfer from Trust Fund.	15,000 00	
Interest on balances	249 72	
Bond issue	25,239 86	
	<hr/>	
	\$45,859 72	
Receipts:		
Use of equipment	70 77	

GLOVER MEMORIAL HOSPITAL

Matron	\$1,100 00	
Clerk	376 50	
Nurses	3,875 63	
Cook	920 00	
Labor	705 52	
	<hr/>	
	\$6,977 65	
<i>Carried forward</i>	\$6,977 65	\$158,029 95

<i>Brought forward</i>	\$6,977 65	\$158,029 95
Stationery and supplies	191 49	
Light	236 11	
Telephones	159 01	
Food	3,590 06	
Laundry	1,634 09	
Clothing	170 58	
Medical supplies	1,244 83	
Surgical equipment	1,068 99	
Furnishings	472 92	
Janitors supplies	16 35	
Ice	160 00	
Fuel	1,043 77	
Repairs	443 76	
Water	88 08	
Sewer connections	225 99	
Compensation Insurance	73 14	
Gas range	173 00	
Express	2 68	
Flowers	1 00	
Petty cash	25 00	
		<hr/>
		17,998 50
Appropriation	\$18,000 00	
Receipts:		
Cash on hand March 16,		
1929	670 28	
Receipts from services ..	12,687 07	
Transfer from William		
Carter Fund Income ..	30 50	
Glover Memorial Hospital Repairs:		
Electric repairs	\$156 50	
House repairs	822 00	
Painting	1,235 60	
Plumbing	408 10	
Piazza screens	45 00	
Account of fire loss	120 00	
Mason repairs	55 00	
		<hr/>
		2,842 20
Appropriation	\$3,000 00	
Receipts on account of fire		
damage	130 00	

CHARITIES AND SOLDIERS' BENEFITS

Department of Public Welfare:		
Salary, Agent	\$300 00	
Stationery and supplies	105 26	
Coal and wood	284 20	
Groceries and provisions	13 26	
Board and care	2,017 73	
Rents	435 00	
Medical attendance	114 00	
Transportation	11 00	
Moving furniture	23 00	
	<hr/>	
	\$3,303 45	
<i>Carried forward</i>	\$3,303 45	\$178,870 65

<i>Brought forward</i>	\$3,303 45	\$178,870 65
Outside Relief:		
Town	\$9,245 00	
State	885 83	
	<hr/>	10,130 83
Mothers' Aid:		
Town	\$1,720 00	
State	892 00	
	<hr/>	2,612 00
	<hr/>	16,046 28
Appropriation	\$17,000 00	
Receipts:		
From individuals	192 00	
From cities and towns ..	2,765 13	
From State	606 50	
State Aid:		
Allowances	\$18 00	
	<hr/>	18 00
Appropriation	\$200 00	
Receipts from State	168 00	
Military Aid:		
Allowances	\$240 00	
	<hr/>	240 00
Appropriation	\$300 00	
Receipts from State	60 00	
Soldiers' Relief:		
Allowances	\$1,550 81	
Coal	18 75	
Plans	1 00	
	<hr/>	1,570 56
Appropriations	\$1,500 00	
Receipts from Newton ..	50 00	
Receipts from State	99 00	

SCHOOL DEPARTMENT

General Expenses:		
School Committee Salaries		
Other expenses	\$1,551 04	
Superintendent Schools and enforcement of law	4,750 00	
Other expenses	352 60	
	<hr/>	\$6,653 64
Expenses of Instruction:		
Supervisors' salaries	\$3,759 00	
Principals, High	3,880 00	
Principals, Elementary	11,840 00	
Teachers, High	42,723 44	
Teachers, Elementary	79,746 85	
Text books, High	1,182 13	
Text books, Elementary ..	2,729 77	
Stationery, miscellaneous supplies, High	3,257 71	
Stationery, miscellaneous supplies, Elementary	4,601 76	
	<hr/>	153,720 66
<i>Carried forward</i>	\$153,720 66	\$196,745 49

<i>Brought forward</i>	\$153,720 66	\$196,745 49
Expenses of Operating School Plant:		
Janitors' salaries, High	\$3,239 32	
Janitors' salaries, Elementary	9,184 44	
Fuel, High	2,843 58	
Fuel, Elementary	5,646 60	
Miscellaneous, High	1,386 24	
Miscellaneous, Elementary .	2,107 43	
	<hr/>	24,407 61
Expenses of Maintenance of School Plant:		
Repairs, High	\$2,359 29	
Repairs, Elementary	6,537 68	
	<hr/>	8,896 97
Auxiliary Agencies:		
Libraries	\$100 00	
Health	2,623 61	
Transportation	4,284 50	
	<hr/>	7,008 11
Miscellaneous Expenses:		
Tuition	\$424 67	
Sundries	1,739 20	
	<hr/>	2,163 87
Outlays:		
New grounds and buildings.	\$714 14	
New equipment	1,974 68	
	<hr/>	2,688 82
Other Payments:		
Vocational Education	\$412 97	
Insurance	111 44	
	<hr/>	524 41
	<hr/>	206,064 09
Appropriation	\$206,489 00	
Dwight School Fund	210 00	
Receipts:		
Tuition from State	307 97	
Rentals	16 00	
Other tuition	415 68	
Sale of typewriters	80 00	
Vocational Tuition:		
City of Newton	\$606 49	
City of Boston	1,477 84	
City of Waltham	7 44	
	<hr/>	2,091 77
Appropriation	\$2,500 00	
Reimbursement from State	897 77	

PUBLIC LIBRARY

Salaries:		
Librarian	\$1,800 00	
Assistants	2,479 36	
Janitors	585 00	
	<hr/>	\$4,864 36
<i>Carried forward</i>	\$4,864 36	\$404,901 35

<i>Brought forward</i>	\$4,864 36	\$404,901 35
Books	1,955 22	
Periodicals	293 53	
Binding	493 45	
Cards	21 95	
Moving books	60 00	
Building repairs	201 67	
Furnishings	600 43	
Fuel	442 64	
Removal of ashes	20 70	
Water	10 92	
Telephone	53 68	
Janitors' supplies	46 30	
Stationery supplies	219 69	
Repair supplies	48 51	
Compensation insurance	5 07	
Librarians' expenses	15 00	
Plates and labels	25 88	
Miscellaneous	1 81	
		9,380 81
Appropriation	\$7,400 22	
Dog Tax	1,489 75	
Income Greenwood and Barr Funds	574 28	
	<u>\$9,464 25</u>	
Receipts:		
Fines	\$372 68	
Old paper	20 86	

NEW SENIOR HIGH SCHOOL BUILDING

School plans	\$12,154 86	
Engineering	8 25	
Advertising	6 98	
Contract bond	3,751 35	
		15,921 44
Appropriation	\$20,000 00	

HIGHWAY DEPARTMENT

General:		
Superintendent	\$425 07	
Engineering	129 22	
Telephones	73 91	
Labor	158 00	
Equipment and repairs	3,403 82	
Labor on equipment	283 50	
Teams	10 00	
Rental of roller	1,200 00	
Auto expenses	1,299 82	
Stone and gravel	7 00	
Tools and supplies	932 86	
Fuel	15 51	
Compensation Insurance ..	1,328 58	
Stone bounds	57 50	
Curbing	110 60	
	<u>\$9,435 39</u>	
<i>Carried forward</i>	\$9,435 39	\$430,203 60

<i>Brought forward</i>	\$9,435 39	\$430,203 60
Street Repairs:		
Superintendent	\$1,074 99	
Engineering	22 00	
Labor	13,214 00	
Teams	5,030 75	
Tarvia	11,018 84	
Stone and gravel	7,715 12	
Coal	131 12	
Tools and supplies	11 30	
Auto expenses	444 40	
Rental gas shovel	1,695 00	
Blasting	200 00	
	<hr/>	40,557 52
Street Cleaning:		
Superintendent	\$66 66	
Labor	4,171 66	
Teams	880 50	
	<hr/>	5,118 82
Drainage:		
Superintendent	\$218 75	
Engineering	215 23	
Labor	7,076 75	
Teams	691 75	
Grates and frames	735 00	
Pipe, brick and cement	3,412 06	
Coal	10 29	
Tools and supplies	125 61	
	<hr/>	12,485 44
Signs:		
New signs	\$173 49	
Labor	244 00	
Lumber and cement	7 17	
Paints	151 05	
Repairing signs	89 70	
	<hr/>	665 41
Fences:		
Labor	\$449 00	
Wire fencing	535 08	
Lumber and cement	10 14	
Tools and supplies	12 83	
Paint	10 27	
Posts	52 50	
	<hr/>	1,069 82
Bridges:		
Kendrick Bridge:		
Contract	\$2,800 00	
Inspection	6 21	
Lumber	96	
Central Avenue:		
Contract	\$1,250 00	
	<hr/>	4,057 17
	<hr/>	73,389 57
<i>Carried forward</i>		\$503,593 17

Brought forward \$503,593 17

Appropriation \$74,800 00

Receipts:

Sale of stone 7 00

Use of roller 82 00

GREENDALE AVENUE

Construction

Labor	\$72 00
Teams	12 00
Engineering	1 47
Grates and frames	65 36
Advertising	20 95
Moving fence	51 00
Signs	18 00
Contractor	8,203 43

8,444 21

Appropriation \$15,000 00

Award from State 1,732 53

Award from County 1,732 53

\$18,465 06

CENTRAL AVENUE

Construction

Superintendent	\$72 91
Labor	714 00
Teams	213 00
Contractor	6,903 51
Stone and gravel	287 09
Grates and frames	39 75
Pipe and cement	133 82
Tarvia	200 01
Gasoline	28 00

8,592 09

Balance January 1, 1929 . \$5,098 80

Receipts from State 2,621 51

Receipts from County ... 2,680 88

\$10,401 19

HARRIS AVENUE DRAIN

Superintendent	\$291 64
Engineering	75 55
Labor	2,579 75
Teams	297 00
Grates and frames	533 75
Pipe and bricks	2,194 12
Tools and supplies	5 96
Legal fees	19 59

5,997 36

Appropriation \$6,000 00

HARRIS AVENUE

(Construction)

Superintendent	\$291 66
Engineering	293 70
Legal expenses	81 09

Carried forward \$666 45 \$526,626 83

	Supt.	Engineer	Labor	Teams	Stone and Gravel	Tarvia and Binder	Equipment and Repairs	Auto and Tractor Expenses	Tools and Supplies	Coal	Cement Pipe and Bricks	Blasting	Use of Steam Shovel	Grates and Frames	Insurance	Plowing	Signs	Paint	Loam and Grass Seed	Stone Bounds	Contract	Legal Expenses	Misc.	Total
General Highway	\$425 27	\$129 22	\$441 50	\$110 00	\$7 00		\$3,403 82	\$1,299 82	\$932 86	\$15 51					\$1,328 58								\$1,384 51	\$9,435 39
Sidewalks	72 92	278 44	2,868 50	1,075 50	504 82	\$180 00			7 91		\$78 24								\$36 32		\$5,750 31		147 04	11,000 00
Removal of Snow	399 99		3,781 00	718 01	400 25		283 77	363 74								\$1,775 20							4 74	7,726 70
Street Repairs:																								
Tar and gravel patching	412 49		4,345 75	900 00	1,490 38	5,036 61		44 80																12,230 03
Pine Street	66 67		914 00	120 00	170 00	240 00		5 00																1,515 67
Parish Road			96 00	72 00																				168 00
Manning Street			109 50	36 00	367 79					11 42														524 71
Great Plain Avenue (car tracks)	231 24		2,345 75	793 50	1,222 41	2,828 64		92 20	2 20	63 70														7,579 64
Brookline Street			33 00	12 00																				45 00
Grant Street	72 92		897 00	369 00	1,068 17	509 62		33 05	4 70															2,954 46
Webster Street	218 75	22 00	1,649 50	1,571 00	268 37	79 22		119 85	17 83		\$1,215 00													5,161 52
Alfreton Road			489 00	408 00	258 98	316 88				11 30				245 00										1,751 36
Pleasant Street			37 00	24 00	87 68	63 75																		212 43
South and Chestnut Street			35 00	12 00																				47 00
Hillside Avenue (car tracks)	72 92		844 00	293 25	778 13	829 26		64 90	4 40	21 60														2,908 46
Chestnut Street					26 99																			26 99
Hurds Corner						79 22																		79 22
Lincoln Street			252 00	54 00	623 12	297 16																		1,226 28
Maple Street			97 50	24 00	131 72																			253 22
Great Plain Avenue (widening)			517 50	267 00	1,187 38	695 98		28 10		5 27														2,701 23
Greenwood and Melrose Avenues			84 50	12 00		42 50																		139 00
Hunnewell Street			95 00	18 00	34 00																			147 00
Charles River Street			351 00	45 00				34 30				\$200 00	235 00											865 30
Chapel Street			21 00																					21 00
Drainage:																								
General		53 79	179 00	24 00					35 22		46 23			\$372 75										710 99
Pleasant Street			31 00	12 00							8 58													51 58
Webster Street	145 84	149 12	3,386 75	534 25					90 39		1,517 45			236 25										6,060 05
Lincoln Street			102 00	36 00							186 63													324 63
Grant Street		12 32	217 50	36 00							497 54			29 00										792 36
West Street	72 91		671 00							10 29	452 70													1,206 90
Howland Street			1,512 50	45 00							123 91			49 00										1,730 41
Bradford Street			460 50	4 50							316 22			48 00										829 22
Bond Brook			173 00																					173 00
Highland and Webster Street			343 50								262 80													606 30
Fences			449 00						12 83		10 14							\$10 27					587 58	1,069 82
Signs			244 00								7 17						\$263 19	151 05						665 41
Bridges																					4,050 00		7 17	4,057 17
Total	\$2,191 72	\$644 89	\$28,074 75	\$7,526 01	\$8,627 19	\$11,198 84	\$3,687 59	\$2,107 96	\$1,090 51	\$156 92	\$3,507 61	\$200 00	\$1,695 00	\$735 00	\$1,328 58	\$1,775 20	\$263 19	\$161 32	\$36 32	\$57 50	\$9,800 31		\$2,131 04	\$86,997 45
Construction:																								
Harris Avenue	291 66	293 70	7,442 75	4,457 50	7,698 41	3,428 14		291 50	14 83	75 32			1,570 00				121 00		312 75	20 00		\$81 09		26,098 65
Powers Street	145 85	332 19	2,972 36	1,643 75	1,858 66	1,171 58		57 60		28 46	32 66	562 50	845 00	27 50			32 50		4 20	72 50		99 00	5 81	8,893 02
Lawton Road	145 83	211 55	2,756 50	1,537 25	1,902 01	1,015 92		25 63	18 94				415 00				30 47		31 00	35 00		102 34	8 60	8,236 04
Otis Street	72 91	110 57	782 25	484 00	519 62	379 58		25 80					232 50	54 50			16 09		3 50	20 00		45 63		2,746 95
Parkinson Street	145 82	127 78	1,680 50	886 00	988 39	573 04		29 20		19 83	28 66		382 50	27 50			34 00		3 00	30 00		77 40	6 25	5,039 87
Mills Road		18 40																		15 00		38 72		72 12
Greendale Avenue		1 47	72 00	12 00										65 36			18 00				8,203 43		71 95	8,444 21
Central Avenue	72 91		714 00	213 00	287 09	200 01		28 00			133 82			39 75							6,903 51			8,592 09
Harris Avenue Drain	291 64	75 55	2,579 75	297 00					5 96		2,194 12			533 75								19 59		5,997 36
Total	\$1,166 62	\$1,171 21	\$19,000 11	\$9,530 50	\$13,254 18	\$6,768 27		\$457 73	\$39 73	\$123 61	\$2,389 26	\$562 50	\$3,445 00	\$748 36			\$252 06		\$354 45	\$192 50	\$15,106 94	\$464 67	\$92 61	\$75,120 31
	2,191 72	644 89	28,074 75	7,526 01	8,627 19	11,198 84	3,687 59	2,107 96	1,090 51	156 92	3,507 61	200 00	1,695 00	735 00	1,328 58	1,775 20	263 19	161 32	36 32	57 50	9,800 31		2,131 04	86,997 45
Grand Total	\$3,358 34	\$1,816 10	\$47,074 86	\$17,056 51	\$21,881 37	\$17,967 11	\$3,687 59	\$2,565 69	\$1,130 24	\$280 53	\$5,896 87	\$762 50	\$5,140 00	\$1,483 36	\$1,328 58	\$1,775 20	\$515 25	\$161 32	\$390 77	\$250 00	\$24,907 25	\$464 67	\$2,223 65	\$162,117 76

REPORT OF TOWN ACCOUNTANT

229

<i>Brought forward</i>	\$666 45	\$526,626 83
Labor	7,442 75	
Teams	4,457 50	
Use of steam shovel	1,570 00	
Stone and gravel	7,698 41	
Tarvia	3,428 14	
Loam and grass seed	312 75	
Signs	121 00	
Expense of trucks	291 50	
Stone bounds	20 00	
Coal	75 32	
Tools and supplies	14 83	
		26,098 65
Appropriation	\$30,000 00	

OTIS STREET
(Construction)

Superintendent	\$72 91	
Engineering	110 57	
Legal expenses	45 63	
Labor	782 25	
Teams	484 00	
Use of steam shovel	232 50	
Stone and gravel	519 62	
Tarvia	379 58	
Signs	16 09	
Expense of truck	25 80	
Stone bounds	20 00	
Cement pipe and covers	54 50	
Grass seed	3 50	
		2,746 95
Appropriation	\$4,000 00	

LAWTON ROAD
(Construction)

Superintendent	\$145 83	
Engineering	211 55	
Legal expenses	102 34	
Labor	2,756 50	
Teams	1,537 25	
Use of steam shovel	415 00	
Stone and gravel	1,902 01	
Tarvia	1,015 92	
Loam and grass seed	31 00	
Signs	30 47	
Stone bounds	35 00	
Gasoline	25 63	
Tools and supplies	18 94	
Miscellaneous	8 60	
		8,236 04
Appropriation	\$10,000 00	

PARKINSON STREET
(Construction)

Superintendent	\$145 82	
Engineering	127 78	
Legal expenses	77 40	
Labor	1,680 50	
<i>Carried forward</i>	\$2,031 50	\$563,708 47

<i>Brought forward</i>	\$2,031 50	\$563,708 47
Teams	886 00	
Use of steam shovel	382 50	
Stone and gravel	988 39	
Tarvia	573 04	
Grass seed	3 00	
Signs	34 00	
Stone bounds	30 00	
Grates and frames	27 50	
Cement and pipe	28 66	
Use of truck	29 20	
Coal	19 83	
Miscellaneous	6 25	
		5,039 87
Appropriation	\$6,200 00	

POWERS STREET
(Construction)

Superintendent	\$145 85	
Engineering	332 19	
Legal expenses	99 90	
Labor	2,972 36	
Teams	1,643 75	
Use of steam shovel	845 00	
Blasting	562 50	
Stone and gravel	1,858 66	
Tarvia	1,171 58	
Signs	32 50	
Expense of truck	57 60	
Stone bounds	72 50	
Covers and frames	27 50	
Lumber and cement	32 66	
Coal	28 46	
Grass seed	4 20	
Miscellaneous	5 81	
		9,893 02
Appropriation	\$11,000 00	

MILLS ROAD

Engineering	\$18 40	
Legal fees	38 72	
Stone bounds	15 00	
		72 12
Appropriation	\$2,500 00	

MEMORIAL PARK FENCE

Engineering	\$16 25	
Labor	15 22	
One-half expenses of fence	375 50	
		406 97
Appropriation	\$500 00	

KINGSBURY STREET EXTENSION

Isabelle M. Hall	\$3,000 00	
		3,000 00
Appropriation	\$3,000 00	
<i>Carried forward</i>		\$582,120 45

Brought forward..... \$582,120 45

PICKERING STREET EXTENSION

Needham Tennis Club, <i>et al</i>	\$1,708 21	
		1,708.21
Appropriation	\$1,708 21	

STREET LIGHTING

The Edison Electric Illuminating Co.	\$20,122 53	
		20,122 53
Appropriation	\$23,884 15	

SIDEWALKS

Superintendent	\$72 92	
Engineering	78 99	
Labor.....	2,605 50	
Teams	865 50	
Sand and gravel	504 82	
Grass seed	24 32	
Cement and lumber	78 24	
Tarvia	180 00	
Curbing	142 50	
Tools	7 91	
		\$4,560 70

Under Betterment Act:

Engineering	\$199 45	
Contractor	5,750 31	
Labor	263 00	
Teams	210 00	
Grass seed	12 00	
Recording	4 54	
		6,439 30

Appropriation \$11,000 00

\$11,000 00

REMOVAL OF SNOW

Superintendent	\$399 99	
Labor	3,781 00	
Teams	718 01	
Plowing	1,775 20	
Equipment and repairs	283 77	
Sand	400 25	
Auto expenses	363 74	
Miscellaneous	4 74	
		7,726 70
Appropriation	\$7,000 00	

RECREATION AND UNCLASSIFIED

Park Department:

Bathhouse supervision	\$150 00	
Labor on parks	1,974 56	
Loam	149 00	
Equipment and repairs	90 29	
Tree	100 00	
Water	14 75	
Bathing suit	7 00	

<i>Carried forward</i>	\$ 2,485 60	\$622,677 89
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<i>Brought forward</i>	\$2,485 60	\$622,677 89
Advertising	5 10	
First Aid kit	3 00	
Miscellaneous	4 60	
	<hr/>	2,498 30
Appropriation	\$2,500 00	
Memorial Day:		
Music	\$150 00	
Flowers	16 00	
Flags	31 50	
Ice cream cones	30 00	
Printing	16 25	
	<hr/>	243 75
Appropriation	\$300 00	
Fourth of July:		
Fireworks	\$350 00	
Music	400 00	
Prizes	173 50	
Printing	44 00	
Dolls and balloons	32 50	
	<hr/>	1,000 00
Appropriation	\$1,000 00	
Trustees of Memorial Park:		
Labor on Park	\$1,776 84	
Gravel	53 30	
New lawn mower	360 00	
Repairs lawn mower	19 75	
Painting flag pole	30 00	
Topographical Map	150 00	
Architects lay out	267 94	
Laying water line	200 00	
Water	37 12	
House repairs	100 97	
Lumber	5 55	
Miscellaneous	4 00	
	<hr/>	3,005 47
Appropriation	\$3,500 00	
Town Planning Board:		
Advertising	\$74 92	
Plans	25 00	
Dues Federation	15 00	
Scale	2 97	
	<hr/>	117 89
Appropriation	\$400 00	
Town Nursery:		
Plowing	\$8 00	
Tools	5 15	
	<hr/>	13 15
Appropriation	\$100 00	
Unclassified:		
Town Reports printing	\$2,346 85	
Town Reports distributing	45 00	
Certification of notes	64 00	
	<hr/>	
<i>Carried forward</i>	\$2,455 85	\$629,556 45

<i>Brought forward</i>	\$2,455 85	\$629,556 45
Damage award	1,500 00	
Legal expenses	1,922 06	
Engineering	664 24	
Dog Officer	50 00	
Wiring Christmas tree	120 00	
Court fees on Tax Titles	90 00	
Deposit Chapel Street option	300 00	
Stationery and supplies	54 30	
Printing and advertising	105 26	
Engrossing	12 50	
Miscellaneous	11 07	
		7,285 28
Appropriation	\$8,461 00	
Transfer from Reserve Fund	300 00	
	<u>\$8,761 00</u>	
Deficiencies 1928:		
Selectmen	\$15 70	
Treasury	3 92	
Tax Collector	4 00	
Assessors	6 25	
Finance Committee	15 00	
Police	79 23	
Fire	73 70	
Inspection	15 87	
Highway	35 25	
School	327 63	
Library	45 64	
Town Planning Board	7 10	
Street Lighting	2,018 81	
Board of Health	55 00	
Fire Alarm	8 60	
Public Welfare	903 36	
Ringin bells July 4th	6 00	
Unclassified	7 96	
Sewer Maintenance	3 23	
Vocational Tuition	87 64	
		3,719 89
Appropriation	\$5,278 92	
Overdrafts paid in 1928:		
Tax Collector ..	\$3 97	
Sewer House Con.	508 33	
Interest on temporary loan ..	766 62	
	<u>1,278 92</u>	
	<u>\$4,000 00</u>	
Insurance:		
Premiums paid	\$3,143 25	
		3,143 25
Appropriation	\$3,200 00	
<i>Carried forward</i>		<u>\$643,704 87</u>

<i>Brought forward</i>		\$643,704 87
New Building By-Laws:		
Advertising	\$107 75	
Appropriation	\$107 75	107 75
Norfolk County Hospital:		
Assessment 1929	\$5,175 99	
Appropriation	\$5,175 99	5,175 99
Health Department City of Boston } Massachusetts Homeopathic Hospital }	\$754 00	
Appropriation	\$754 00	754 00
Special School Building Committee:		
Survey and map	\$150 00	
Preliminary service	1,350 00	
Appropriation	\$1,500 00	1,500 00
Traffic Signal Lights:		
Traffic lights	\$1,692 94	
Express	7 73	
Appropriation	\$1,740 63	1,700 67
Game Warden:		
Salary	\$100 00	
Appropriation	\$100 00	100 00
Smith-Hughes Fund:		
Trade instruction	\$43 53	
		43 53
Care of Soldiers' Graves:		
Paid Needham Cemetery Association ...	\$396 59	
Appropriation	\$400 00	396 59
Richwagen Hill School Site:		
William H. Carter	\$17,500 00	
Horace A. Carter	17,500 00	
Appropriation	\$35,000 00	35,000 00
Interest and Maturing Debt:		
Interest on Temporary loans	\$22,899 30	
Appropriation	\$18,240 00	22,899 30
Interest on Funded Loans:		
Refunding Loan	\$3,495 00	
Stephen Palmer School Bonds	440 00	
School Land Bonds	70 00	
Public Library Bonds	120 00	
Carried forward	\$4,125 00	\$711,382 70

<i>Brought forward</i>	\$4,125 00	\$711,382 70
Street Widening and Construction Bonds	31 50	
Norfolk County Hospital Bonds	180 00	
William Carter School Bonds	5,000 00	
High School Land Bonds	340 00	
New High School Bonds	8,627 50	
Sewer Construction Bonds	5,925 00	
		24,229 00
Appropriation	\$23,604 00	
Municipal Indebtedness:		
William Carter School Bonds	\$8,000 00	
New High School Bonds	14,000 00	
Stephen Palmer School Bonds	2,000 00	
School Land Bonds (Greens Field)	500 00	
Norfolk County Hospital Bonds	1,000 00	
Water Loan Bonds	10,000 00	
Public Library Bonds	500 00	
High School Land Bonds	4,000 00	
Sewerage Construction Bonds	5,000 00	
Street Widening and Construction Bonds	1,400 00	
		46,400 00
Appropriation	\$46,400 00	

TAXES AND REFUNDS

State Tax	\$23,035 00	
Metropolitan Parks Tax	11,647 43	
Metropolitan Planning Division Tax	140 70	
Metropolitan Sewerage Tax	12,479 84	
Metropolitan Sewerage Assessment	11,103 38	
State Highway Tax	1,889 83	
Charles River Basin Tax	2,014 71	
Northern Traffic Route	1,334 75	
Southern Traffic Route	127 14	
Bridges	7,055 45	
Sewerage (Boston Harbor)	107 33	
Abatement of Smoke Nuisance	60 52	
Auditing Accounts	50 33	
Trust Company Tax	10 95	
National Bank Tax	2 25	
Norfolk County Tax	22,751 36	
Temporary Tax Loans	675,000 00	
Refunds on overpayments on Sewer House		
Connections	306 01	
Refunds on Taxes	95 14	
Refunds on Motor Excise Taxes	1,103 94	
Refunds on hospital services	12 50	
Refunds on Building Permits	2 00	
Purchase of Tax Titles	746 63	
		771,077 19
Cash on hand December 31, 1929:		
General Fund	\$152,871 06	
Sewer Construction Funds	2,429 22	
Sewer Assessment Fund	14,550 88	
		169,851 16
		\$1,722,940 05

Reserve Fund:

Transfer to:

Treasury Department	\$200 00
Unclassified Department	300 00

\$500 00

Appropriation \$2,500 00

TRIAL BALANCE

General:

Cash	\$169,851 16	
Taxes, 1928	2,983 05	
Taxes, 1929	219,971 82	
Motor Excise Tax, 1929	7,631 56	
Moth Tax, 1928	25 50	
Moth Tax, 1929	412 90	
Sewer Assessments, 1928	73 04	
Sewer Assessments, 1929	4,220 64	
Unapportioned Sewer Assessments, 1928 ..	5,169 89	
Unapportioned Sewer Assessments, 1929 ..	20,826 91	
Sidewalk Assessments, 1929	660 80	
Unapportioned Sidewalk Assessments ...	1,757 14	
Street Betterments, 1928	93 40	
Street Betterments, 1929	3,413 52	
Unapportioned Street Betterments, 1928 ..	377 29	
Unapportioned Street Betterments, 1929 ..	8,777 04	
Interest on Tax Bills, 1928	107 38	
Interest on Tax Bills, 1929	1,923 18	
Overlay Reserve		14,601 87
Overlay, 1928		4,478 02
Overlay, 1929		5,235 35
Tax Titles	1,890 71	
Departmental Bills Receivable	8,733 67	
Departmental Revenue		8,733 67
Excess and Deficiency		55,000 40
Tax Title Revenue		1,890 71
Moth Assessment Revenue		438 40
Street Betterment Revenue		12,661 25
Sidewalk Betterment Revenue		2,417 94
Motor Vehicle Excise Tax Revenue		7,631 56
Revenue Interest		2,030 56
Sewer Assessment Revenue		30,290 48
Sewer Construction Reserve		14,550 88
Temporary Tax Loans		275,000 00
Removal of Snow	726 70	
Greendale Avenue Construction		10,020 85
Soldiers' Relief	70 56	
Broadley Farm School Site		8,000 00
Sewer Construction		2,429 22
Interest on Temporary Loans	4,659 30	
Interest on Funded Loans	625 00	
Otis Street Construction		1,253 05
Parkinson Street Construction		1,160 13
Powers Street Construction		1,106 98
New Senior High School Building		4,078 56
Special Trust Fund Income		579 77
War Bonus Fund		3,792 51
Note Receivable	2,400 00	
	<u>\$467,382 16</u>	<u>\$467,382 16</u>

TRIAL BALANCE TRUST FUNDS

Trust Funds	\$52,041 57	
Dwight School Fund		\$6,000 00
Mary V. E. Hill Fund		832 03
Myra S. Greenwood Fund		12,482 11
Martha Ann Barr Fund		500 00
William Carter Fund		7,211 09
Horace A. Carter Fund		1,000 00
Lyon Fund		5,000 00
Thomas Sutton Fund		1,000 00
Seth A. Fowle Fund		2,103 57
Adelaide E. Harris Fund		100 00
Elizabeth Fisher Fund		100 00
Hospital Building Fund		15,712 77
	<hr/>	<hr/>
	\$52,041 57	\$52,041 57

WATER DEPARTMENT

Maintenance:

Receipts:

Water Rates	\$50,422 63	
Repairs	581 40	
Fines	78 20	
Rents	100 00	
Ashes	15 35	
Old iron	4 00	
Interest on Balances	221 20	
	<hr/>	\$51,422 78

Expenses:

Maintenance:

Debit balance Jan. 1, 1929 .	\$1,937 01	
Superintendent	2,860 00	
Clerks	1,988 49	
Labor	5,461 64	
Stationery and Supplies .	267 41	
Telephones	191 01	
Auto Expenses	855 24	
Pipe and fittings	98 21	
Meters and fittings	465 69	
Tools and supplies	415 39	
Lumber and cement	9 24	
Liability Insurance	477 88	
Equipment	189 32	
Reports	17 64	
Screen door	12 50	
Matured Bonds	7,000 00	
Interest on Bonds	4,356 42	
	<hr/>	\$26,603 09

Pumping Station:

Engineers	\$3,889 60
Fuel	2,647 59
Oil and waste	545 45
Machinery repairs	1,513 50
Station repairs	108 19
Light	104 35
Power (electric)	1,743 98
Insurance	115 00

Carried forward \$10,667 66 \$26,603 09

<i>Brought forward</i>	\$10,667 66	\$26,603 09	
Wellesley water	1,594 42		
Charts	6 00		
Freight	4 50		
		<u>\$12,272 58</u>	
			<u>\$38,875 67</u>
Balance December 31, 1929			\$12,547 11
Construction:			
Balance January 1, 1929 ...	\$1,058 58		
Balance construction appro-			
priation	6,557 82		
		<u>\$7,616 40</u>	
Receipts:			
New services	\$4,001 01		
Bond Issue	20,191 89		
		<u>24,192 90</u>	
			31,809 30
Expenses:			
Services, Labor	\$2,722 04		
Materials	6,075 16		
Mains, Labor	2,112 54		
Materials	7,801 35		
Trenching and blasting ...	4,095 01		
Increasing and protecting ..	2,246 67		
Certification of notes	20 00		
Expenses of notes	14 96		
		<u>\$25,087 73</u>	
Cedar Street Construction:			
Labor	\$302 98		
Materials	664 28		
Trenching	993 53		
		<u>1,960 79</u>	
			<u>27,048 52</u>
			\$4,760 78
Balance Construction Account:			
December 31, 1929	\$163 75		
Balance Construction Appropriation:			
December 31, 1929	4,597 03		
			<u>\$4,760 78</u>
Cash Balances:			
Cash on hand January 1, 1928	\$5,679 39		
Water Rates	50,480 21		
Repairs	581 40		
Service Construction	4,001 01		
Fines	78 20		
Rent	100 00		
Ashes	15 35		
Junk	4 00		
Interest on Bank Balances	221 20		
Bond Issue	20,191 89		
		<u>\$81,352 65</u>	

Expenditures:

Maintenance	\$25,582 24	
Construction	25,087 75	
Cedar Street	1,960 79	
Payment on bonds	7,000 00	
Interest on bonds	4,356 42	
Abatement on Water Rates	40 00	
Refund on Water Rates	17 58	
Cash on hand December 31, 1929	17,307 89	
	<hr/>	\$81,352 65

TRIAL BALANCE WATER DEPARTMENT

Cash	\$17,307 89	
Water Rates	1,623 31	
Water Repairs	117 94	
Water Construction	336 30	
Water Construction (pledged)		336 30
Water Revenue		1,741 25
Water Maintenance		12,547 11
Water Construction		163 75
Needham Gardens Mains		3,495 70
Fairfield Street Mains		670 06
Cedar Street Mains		431 27
	<hr/>	<hr/>
	\$19,385 44	\$19,385 44

DEBT STATEMENT
Also Amounts Due for Principals and Interest During the Year 1930

LOANS

	Outstanding Jan. 1, 1929	Paid in 1929	Outstanding Dec. 31, 1929	Due on Principal	1930 Interest
Refunding 3½%	\$21,000 00	.....	\$21,000 00	\$5,500 00	\$735 00
Refunding 4%	69,000 00	.....	69,000 00	.....	2,760 00
Stephen Palmer School	12,000 00	\$2,000 00	10,000 00	2,000 00	360 00
School Land	2,000 00	500 00	1,500 00	500 00	50 00
Public Library	3,000 00	500 00	2,500 00	500 00	100 00
Street Widening and Construction	1,400 00	1,400 00	.....	.....	.....
Norfolk County Hospital	4,000 00	1,000 00	3,000 00	1,000 00	135 00
William Carter School	104,000 00	8,000 00	96,000 00	8,000 00	4,600 00
High School Land	8,000 00	4,000 00	4,000 00	4,000 00	170 00
New High School	210,000 00	14,000 00	196,000 00	14,000 00	8,032 50
Sewer Construction	135,000 00	5,000 00	130,000 00	5,000 00	5,100 00
Water Bonds	81,000 00	10,000 00	71,000 00	11,000 00	2,840 00
Sewer Construction 1929 .....	.....	.....	25,000 00	5,000 00	1,125 00
	\$650,400 00	\$46,400 00	\$629,000 00	\$56,500 00	\$26,007 50
Payable from Water Revenue					
Water Bonds	\$13,000 00	\$7,000 00	\$6,000 00	\$3,000 00	\$191 25
Water Bonds 1929 .....	.....	.....	20,000 00	4,000 00	1,000 00
	\$13,000 00	\$7,000 00	\$26,000 00	\$7,000 00	\$1,191 25

RECAPITULATION

	Jan. 1, 1929 Balances	Appropriations	Transfers	Total	Expenditures	Unexpended Balances	Overdrafts
GENERAL GOVERNMENT							
Board of Selectmen		\$2,300 00		\$2,300 00	\$2,293 31	\$6 69	
Accounting Department		3,070 00		3,070 00	3,069 09	91	
Treasury Department		2,725 00	\$200 00	2,925 00	2,894 85	30 15	
Board of Assessors		9,100 00		9,100 00	9,094 85	5 15	
Tax Collector		3,700 00		3,700 00	3,695 18	4 82	
Board of Registrars		970 00		970 00	738 71	231 29	
Town Clerk		1,100 00		1,100 00	1,099 35	65	
Finance Committee		300 00		300 00	280 00	20 00	
Board of Survey		200 00		200 00	171 29	28 71	
Town Hall and Grounds		6,000 00		6,000 00	5,966 02	33 98	
PROTECTION OF PERSONS AND PROPERTY							
Police Department		26,964 00		26,964 00	26,676 75	287 25	
Fire Department		27,150 00		27,150 00	26,564 39	585 61	
Fire Alarm Department		3,505 00		3,505 00	3,471 30	33 70	
Inspection Department		3,775 00		3,775 00	3,761 47	13 53	
Tree Warden		1,500 00		1,500 00	1,461 25	38 75	
Forest Warden		145 00		145 00	138 85	6 15	
Moth Department (public)		3,500 00		3,500 00	3,253 27	246 73	
Moth Department (private)		2,000 00		2,000 00	1,524 70	475 30	
HEALTH AND SANITATION							
Board of Health		4,750 00		4,750 00	4,432 90	317 10	
Removal of Garbage		2,200 00		2,200 00	2,200 00		
CHARITIES							
Department of Public Welfare		17,000 00		17,000 00	16,046 28	953 72	
State Aid		200 00		200 00	18 00	182 00	
Military Aid		300 00		300 00	240 00	60 00	
Soldiers' Relief		1,500 00		1,500 00	1,570 56		\$70 56

RECAPITULATION—Continued

Jan. 1, 1929

	Jan. 1, 1929 Balances	Appropriations	Transfers	Total	Expenditures	Unexpended Balances	Overdrafts
HIGHWAYS							
Highway Department	\$74,800 00	.....	\$74,800 00	\$73,389 57	\$1,410 43	.....
Sidewalk Department	11,000 00	.....	11,000 00	11,000 00	.....	.....
Removal of Snow	7,000 00	.....	7,000 00	7,726 70	.....	\$726 70
Street Lighting	23,884 15	.....	23,884 15	20,122 53	3,761 62	.....
Central Avenue	\$5,302 39	10,401 19	8,592 09	1,809 10	.....
Lawton Road	10,000 00	.....	10,000 00	8,236 04	1,763 96	.....
Harris Avenue	30,000 00	.....	30,000 00	26,098 65	3,901 35	.....
Powers Street	11,000 00	.....	11,000 00	9,893 02	1,106 98	.....
Mills Road	2,500 00	.....	2,500 00	72 12	2,427 88	.....
Parkinson Street	6,200 00	.....	6,200 00	5,039 87	1,160 13	.....
Otis Street	4,000 00	.....	4,000 00	2,746 95	1,253 05	.....
Greendale Avenue	15,000 00	3,465 06	18,465 06	8,444 21	10,020 85	.....
Harris Avenue Drain	6,000 00	.....	6,000 00	5,997 36	2 64	.....
EDUCATION AND LIBRARY							
School Department	206,489 00	210 00	206,699 00	206,064 09	634 91	.....
Vocational Tuition	2,500 00	.....	2,500 00	2,091 77	408 23	.....
Public Library	7,400 22	2,064 03	9,464 25	9,380 81	83 44	.....
SEWER DEPARTMENT							
Construction	370 14	5,000 00	40,489 58	45,859 72	43,430 50	2,429 22	.....
Maintenance	5,900 00	.....	5,900 00	4,793 28	1,106 72	.....
House Connections	10,000 00	7,683 28	17,683 28	7,018 64	10,664 64	.....
RECREATION AND UNCLASSIFIED							
Park Department	2,500 00	.....	2,500 00	2,498 30	1 70	.....
Memorial Day	300 00	.....	300 00	243 75	56 25	.....

Unclassified.....	8,461 00	300 00	8,761 00	7,285 28	1,475 72	.....
Deficiencies 1928.....	5,278 92	.....	5,278 92	4,998 81	280 11	.....
Memorial Park.....	3,500 00	.....	3,500 00	3,005 47	494 53	.....
Town Planning Board.....	400 00	.....	400 00	117 89	282 11	.....
Town Nursery.....	100 00	.....	100 00	13 15	86 85	.....
Insurance.....	3,200 00	.....	3,200 00	3,143 25	56 75	.....
Fourth of July Celebration.....	1,000 00	.....	1,000 00	1,000 00	.....	.....
Care of Soldiers' Graves.....	400 00	.....	400 00	396 59	3 41	.....
Traffic Signals.....	1,740 63	.....	1,740 63	1,700 67	39 96	.....
Building By-Laws.....	107 75	.....	107 75	107 75	.....	.....
Norfolk County Hospital.....	5,175 99	.....	5,175 99	5,175 99	.....	.....
Local Game Warden.....	100 00	.....	100 00	100 00	.....	.....
Kingsbury Street Extension.....	3,000 00	.....	3,000 00	3,000 00	.....	.....
Pickering Street Extension.....	1,708 21	.....	1,708 21	1,708 21	.....	.....
Glover Memorial Hospital Maint.....	18,000 00	.....	18,000 00	17,998 50	1 50	.....
Glover Memorial Hospital Repairs.....	3,000 00	.....	3,000 00	2,842 20	157 80	.....
Reserve Fund.....	2,500 00	.....	2,500 00	500 00	2,000 00	.....
Mass. Homeopathic Hospital }.....	754 00	.....	754 00	754 00	.....	.....
Mass. Eye & Ear Infirmary }.....	500 00	.....	500 00	406 97	93 03	.....
Memorial Park Fence.....	35,000 00	.....	35,000 00	35,000 00	.....	.....
Richwagen Hill School Site.....	8,000 00	.....	8,000 00	.....	8,000 00	.....
Broadley Farm School Site.....	1,500 00	.....	1,500 00	1,500 00	.....	.....
Special School Building Committee.....	.....	.....	20,000 00	15,921 44	4,078 56	.....
New High School Building.....	43 53	20,000 00	43 53	43 53	.....	.....
Smith-Hughes Fund.....	.....	.....	.....	.....	.....	.....
INTEREST AND FUNDED DEBT						
Interest on Temporary Loans.....	18,240 00	.....	18,240 00	22,899 30	4,659 30	.....
Interest on Funded Loans.....	23,604 00	.....	23,604 00	24,229 00	625 00	.....
Municipal Indebtedness.....	46,400 00	.....	46,400 00	46,400 00	.....	.....
	\$5,468 94	\$757,141 40	\$842,324 68	\$783,790 62	\$64,615 62	\$6,081 56

DISTRIBUTION OF TAX RATE FOR 1929

State Tax	\$2.494	
County Tax798	
Municipal Indebtedness	1.616	
Interest on Funded Loans821	
Interest on Temporary Loans638	
Overlay 1929326	
Deficiencies 1928184	
Norfolk County Hospital181	
Insurance112	
Richwagen Hill School Site	1.280	
Broadley Farm School Site278	
Special School Building Committee053	
School	7.276	
Highway	2.630	
Harris Avenue Construction	1.055	
Fire956	
Police953	
Lighting Street840	
Glover Hospital Maintenance633	
Department of Public Welfare596	
Greendale Avenue Construction528	
Powers Street Construction388	
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Lawton Road350	
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Public Library260	
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Forest Warden005	
Town Nursery003	
Local Game Warden003	
		<hr/>
		\$29.70

UNPAID BILLS DUE IN 1929

Board of Selectmen:		
N. E. Tel. & Tel. Co.	\$5 23	
	<hr/>	5 23
Treasury:		
N. E. Tel. & Tel. Co.	\$4 44	
	<hr/>	4 44
Assessors:		
N. E. Tel. & Tel. Co.	\$4 75	
	<hr/>	4 75
Tax Collector:		
N. E. Tel. & Tel. Co.	\$4 00	
Henry Godfrey, Collector	75 00	
	<hr/>	79 00
Town Hall and Grounds:		
Leon Forand	\$51 25	
Nobscot Spring Water Co.	19 60	
	<hr/>	70 85
Police:		
N. E. Tel. & Tel. Co.	\$23 03	
Edison Electric Ill. Co.	19 50	
	<hr/>	42 53
Fire:		
N. E. Tel. & Tel. Co.	\$9 53	
Edison Electric Ill. Co.	17 78	
	<hr/>	27 31
Fire Alarm:		
Edison Electric Ill. Co.	\$8 96	
	<hr/>	8 96
Inspection:		
N. E. Tel. & Tel. Co.	\$7 65	
J. F. Buckley	37 50	
	<hr/>	45 15
<i>Carried forward</i>		<hr/>
		\$288 22

<i>Brought forward</i>		\$288 22
Moth:		
Lawson's Express	\$2 00	2 00
Health:		
N. E. Tel. & Tel. Co.	\$5 10	5 10
Highway:		
N. E. Tel. & Tel. Co.	\$10 53	
Willett & Chadwick Coal Co.	1 73	12 26
Sidewalk:		
W. A. Murtfeldt Co.	\$265 70	265 70
Street Lighting:		
Edison Electric Ill. Co.	\$2,260 51	2,260 51
Library:		
Library of Congress	\$6 34	
John Lawson	10 35	
N. E. Tel. & Tel. Co.	4 93	
National Bibliophile service	4 14	
Gaylord Bros.	1 00	
Hathaway House Bookshop	3 66	
Lawson's Express	2 30	32 72
Sewer:		
N. E. Tel. & Tel. Co.	\$3 87	3 87
Glover Memorial Hospital:		
Needham Ice Co.	\$12 00	
Shawmut National Bank	10 00	
Edison Electric Ill. Co.	15 87	
N. E. Tel. & Tel. Co.	11 80	49 67
Memorial Park:		
T. J. Crossman Co., Inc.	\$94 61	94 61
Unclassified:		
Harry L. Thompson	\$125 50	
Clerk of Courts Norfolk County	3 00	128 50
Public Welfare:		
Willett & Chadwick Coal Co.	\$32 50	
Commonwealth of Massachusetts	351 13	
Overseers of Public Welfare, Boston	98 04	
Balance estimated	1,118 33	1,600 00
<i>Carried forward</i>		\$4,454 94

REPORT OF TOWN ACCOUNTANT

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<i>Brought forward</i>		\$4,454 94
School:		
N. E. Tel. & Tel. Co.	\$56 92	
Edison Electric Ill. Co.	249 81	
Boston School of Physical Education	5 00	
R. A. Fife, Corporation	19 00	
	<hr/>	330 73
Vocational Education:		
City of Boston	\$176 67	
	<hr/>	176 67
		<hr/>
		\$5,250 56

Respectfully submitted,

CLARENCE E. FOSS,
Town Accountant.

REPORT OF THE BOARD OF ASSESSORS

Recapitulation
AMOUNT TO BE RAISED BY TAXATION

Town appropriations	\$713,320 45
Appropriation of Special Meeting	64,877 75
Veteran's Exemption	2 39
State Assessments	33,484 08
State tax	23,035 00
State Highway tax	1,889 83
Auditing Accounts	50 33
So. Metropolitan Sewerage tax	12,479 84
County tax	22,751 36
Norfolk County Hospital	5,175 99
Overlay (of current year)	9,353 36
	<hr/>
	\$886,420 38

ESTIMATED RECEIPTS

Income tax	\$62,300 00
Corporation tax	20,000 00
Bank tax	2,466 64
Licenses	450 00
Fines	2,200 00
Special assessments	11,000 00
General government	800 00
Protection of persons and property	4,500 00
Health and sanitation	450 00
Dog licenses	1,200 00
Public Welfare	2,700 00
Soldiers' benefits	250 00
Schools	2,400 00
Libraries	650 00
Income tax	2,500 00
Motor Excise tax	34,800 00
Interest on deposit	3,400 00
Interest on taxes and assessments	8,600 00
State and County Awards	5,300 00.
Tax titles	3,500 00
Sewer	10,000 00
Glover Memorial Hospital	12,000 00
	<hr/>
Total estimated receipts	\$191,466 64
Free cash in treasury (voted by Town Meeting to be used by assessors)	55,000 00
	<hr/>
Net amount raised by taxation on polls and property	\$639,953 74

Number of polls 3,063 at \$2.00 each.....	\$6,126 00
Total valuation \$20,886,536 00 — Tax rate \$29.70	620,330 11
Additional betterment and special assessments (outside the taxes levied on property at the tax rate) as follows:	
Street and Sidewalk Betterment	11,259 39
Moth tax	1,524 70
Sewer tax	9,253 61
<hr/>	
Total amount of all taxes listed in the col- lector's commitment list	\$648,493 81
Tax on water land committed to Treasurer ...	713 54
Less amount of Sewer tax to Trust Fund	9,253 61
<hr/>	
	\$639,953 74

Gain in valuation of Real and Personal estate over 1928	\$1,032,651 00
Number of horses assessed	76
Number of cows assessed	161
Number of sheep assessed	6
Number of neat cattle assessed	1
Number of swine	231
Number of fowl assessed	4,025
Number of houses assessed	2,417
Number of acres of land assessed	7,576

SUMMARY OF EXPENDITURES

Salaries.....	\$3,200 00
Clerk	1,400 00
Tax Collector's Book	54 25
Poll tax lists	384 90
Abstracts	225 84
Monroe Calculator	50 00
Burroughs Tax Computing Machine	1,587 60
Block plans	1,000 00
Telephone	66 05
Transportation	398 00
Stationery and Office Supplies	305 33
Printing and Advertising	399 15
Miscellaneous	28 48
<hr/>	
	\$9,099 60
Appropriations	\$9,100 00

Respectfully submitted,

CHARLES W. WOODBURY,
ARTHUR H. GODFREY,
HOWARD A. FLEWELLING.

REPORT OF COMMITTEE OF ADVISABILITY ON NEW FIRE AND POLICE STATION

To the Citizens of the Town of Needham:

The Committee of Advisability on New Fire and Police Station was organized in accordance with the vote passed by the Town at the Special Town Meeting, January 6, 1930, under Article 12, as follows:

"That a committee of five (5) to be appointed by the Moderator, and the Chief of the Fire Department and the Acting Chief of Police to investigate the needs of the Town for a new fire station, with or without quarters for the Police Department and report its findings at the next Annual Town Meeting."

Realizing the importance of the duties imposed and the amount of work involved the Committee met and organized immediately after appointment. Besides devoting much time to meetings the Committee has made visits to other towns and cities to acquaint itself with the requirements to be met by the modern fire and police station.

It will be readily apparent to the citizens, as it is to the Committee, that modern accommodations are necessary for both fire and police departments, not only to safely house expensive equipment, but to enable these departments to render and maintain efficient service in protecting the lives and property of the citizens.

The Committee is unanimously of the opinion that a new fire and police station is an immediate and pressing need of the Town of Needham. As long as almost twenty years ago it was recognized that the fire department was in need of new housing. The police department is housed in quarters established twenty-seven years ago, and which are now totally inadequate and not in accordance with State Requirements.

Discussion of the subject immediately brought before the Committee the question of one central fire station in which might be housed all the fire apparatus of the Town. After careful consideration of the benefits to be derived from such a building, the Committee, by unanimous vote, were of the opinion that one central fire station would not serve the Town to the best advantage.

Needham covers some twelve square miles. Fire apparatus should be close to the high valued and thickly settled districts, and at the same time within reasonable distance of outlying sections. These facts eliminate one central fire station, and in the opinion of the Committee requires the erection of fire stations in various parts of the Town as the needs arise.

Proposed Fire and Police Station*(George Ernest Robinson, Architect)*

FIRE STATION SIDE



POLICE STATION SIDE

Location for a combined fire and police station was given detailed study, including investigation of the relative advantages and costs of various sites. From this study the Committee found that no suitable site could be found at a cost less than approximately \$40,000. The Kimball School lot admirably met the requirements of a site for a combined fire and police station with adequate space provided for the fire alarm department. A joint meeting was therefore arranged with the School Committee to learn if this site might be made available.

From this meeting it was learned that school department plans called for the abandonment of this three-story wooden building which is about sixty years old as soon as made possible by additional quarters elsewhere. This meant that the use of this location as the site for a fire and police station would save the Town some \$40,000, an expenditure otherwise required for the purchase of land.

This Committee voted unanimously to recommend to the Town of Needham that the Kimball School property be used as the site for a fire and police station. The action of the School Committee was reported to this Committee in a letter of February 19, 1930, by that Committee's unanimous vote as follows: "That the School Committee will release the Kimball School property in the event of the Town adopting the recommendation of the Special Committee on Fire and Police Accomodations, as soon as equivalent school accommodations are provided elsewhere. The School Committee recommends an addition of eight rooms to the Stephen Palmer School and two rooms to the Bond's Corner School."

The Committee was fortunate in securing the gratuitous co-operation of a number of reliable architects, and to these the Committee is deeply grateful. From a number—the plans of several architects were selected for detailed consideration, to which several meetings were devoted by the Committee. All plans submitted were good workable plans. The plans which have been prepared by Mr. George Ernest Robinson, not only meet all departmental requirements, but the estimated cost of the building, \$100,000, was less than other plans submitted and met with the unanimous approval of the Committee. The style is attractive and possesses architectural features peculiarly adapted to the site, and is harmonious with other public buildings of the Town.

The Committee therefore unanimously recommends that the Town of Needham erect on the Kimball School lot a combined fire and police station in accordance with the illustrations included in the report and from plans which are in possession of the Committee.

By the adoption of this recommendation the Committee believes that the Town will secure a building that meets

immediate needs and provides for demands which may be made upon it for many years. The proposed building meets all requirements of the fire and police departments combined in one unit, yet each is so separated as to function efficiently by itself. The fact that the fire department entrance faces on Chestnut Street and the police department on School Street insures the unrestricted effective operation and the privacy of each department.

Respectfully submitted,

ARTHUR W. LITTLEHALE, *Chairman*,
DANA L. SOUTHWORTH, *Secretary*,
HENRY D. BLACKMAN,
LEONARD DAWSON,
WILLIAM F. BROWN,
T. ROBERT QUINLAN, *Chief*,
ARTHUR P. BLISS, *Acting-Chief*.

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HEALTH DEPT.

